HIGH INVESTMENT LRT

SHEET NO.	DRAWING NO.	TITLE	DESCRIPTION
PLAN SHEETS			
265	LH-01	HIGH INVESTMENT LRT	INDEX OF DRAWINGS
266	LH-02	HIGH INVESTMENT LRT - KEY PLAN	SHEET 1 OF 3
267	LH-03	HIGH INVESTMENT LRT - KEY PLAN	SHEET 2 OF 3
268	LH-04	HIGH INVESTMENT LRT - KEY PLAN	SHEET 3 OF 3
269	LH-05	HIGH INVESTMENT LRT - PLAN	STA. LH300+00 TO STA. LH324+00
270	LH-06	HIGH INVESTMENT LRT - PLAN	STA. LH324+00 TO STA. LH350+00
271	LH-07	HIGH INVESTMENT LRT - PLAN	STA. LH350+00 TO STA. LH375+00
272	LH-08	HIGH INVESTMENT LRT - PLAN	STA. LH375+00 TO STA. LH399+00
273	LH-09	HIGH INVESTMENT LRT - PLAN	STA. LH399+00 TO STA. LH423+00
274	LH-10	HIGH INVESTMENT LRT - PLAN	STA. LH423+00 TO STA. LH451+00
275	LH-11	HIGH INVESTMENT LRT - PLAN	STA. LH451+00 TO STA. LH479+00
276	LH-12	HIGH INVESTMENT LRT - PLAN	STA. LH479+00 TO STA. LH504+00
277	LH-13	HIGH INVESTMENT LRT - PLAN	STA. LH504+00 TO STA. LH529+30
278	LH-14	HIGH INVESTMENT LRT - PLAN	STA. LH600+00 TO STA. LH642+50
279	LH-15	HIGH INVESTMENT LRT - PLAN	STA. LH642+50 TO STA. LH675+50
280	LH-16	HIGH INVESTMENT LRT - PLAN	STA. LH675+50 TO STA. LH707+00
281	LH-17	HIGH INVESTMENT LRT - PLAN	STA. LH707+00 TO STA. LH742+50
282	LH-18	HIGH INVESTMENT LRT - PLAN	STA. LH742+50 TO STA. LH769+50
283	LH-19	HIGH INVESTMENT LRT - PLAN	STA. LH769+50 TO STA. LH798+50
284	LH-20	HIGH INVESTMENT LRT - PLAN	STA. LH798+50 TO STA. LH830+50
285	LH-21	HIGH INVESTMENT LRT - PLAN	STA. LH830+50 TO STA. LH856+50
286	LH-22	HIGH INVESTMENT LRT - PLAN	STA. LH856+50 TO STA. LH885+50
287	LH-23	HIGH INVESTMENT LRT - PLAN	STA. LH885+50 TO STA. LH913+50
288	LH-24	HIGH INVESTMENT LRT - PLAN	STA. LH913+50 TO STA. LH943+50
289	LH-25	HIGH INVESTMENT LRT - PLAN	STA. LH943+50 TO STA. LH969+50
290	LH-26	HIGH INVESTMENT LRT - PLAN	STA. LH969+50 TO STA. LH992+56
291	LH-27	HIGH INVESTMENT LRT - PLAN	STA. LH1000+00 TO STA. LH1026+00
292	LH-28	HIGH INVESTMENT LRT - PLAN	STA. LH1026+00 TO STA. LH1052+00
293	LH-29	HIGH INVESTMENT LRT - PLAN	STA. LH1052+00 TO STA. LH1079+00
294	LH-30	HIGH INVESTMENT LRT - PLAN	STA. LH1079+00 TO STA. LH1106+00
295	LH-31	HIGH INVESTMENT LRT - PLAN	STA. LH1106+00 TO STA. LH1132+00
296	LH-32	HIGH INVESTMENT LRT - PLAN	STA. LH1132+00 TO STA. LH1158+00
297	LH-33	HIGH INVESTMENT LRT - PLAN	STA. LH1158+00 TO STA. LH1182+00
298	LH-34	HIGH INVESTMENT LRT - PLAN	STA. LH1182+00 TO STA. LH1207+00
299	LH-35	HIGH INVESTMENT LRT - PLAN	STA. LH1207+00 TO STA. LH1232+00
300	LH-36	HIGH INVESTMENT LRT - PLAN	STA. LH1232+00 TO STA. LH1251+34
301	LH-37	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	
302	LH-38	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	
PROFILE SHEETS			
303	LH-39	HIGH INVESTMENT LRT - PROFILE	STA. LH350+00 TO STA. LH375+00
304	LH-40	HIGH INVESTMENT LRT - PROFILE	STA. LH375+00 TO STA. LH399+00
305	LH-41	HIGH INVESTMENT LRT - PROFILE	STA. LH399+00 TO STA. LH423+00
306	LH-42	HIGH INVESTMENT LRT - PROFILE	STA. LH504+00 TO STA. LH529+36
307	LH-43	HIGH INVESTMENT LRT - PROFILE	STA. LH600+00 TO STA. LH629+00
308	LH-44	HIGH INVESTMENT LRT - PROFILE	STA. LH629+00 TO STA. LH657+00
309	LH-45	HIGH INVESTMENT LRT - PROFILE	STA. LH678+00 TO STA. LH706+00
310	LH-46	HIGH INVESTMENT LRT - PROFILE	STA. LH706+00 TO STA. LH734+00

HIGH INVESTMENT LRT (CONT.)

SHEET NO.	DRAWING NO.	TITLE	DESCRIPTION
PROFILE SHEETS			
311	LH-47	HIGH INVESTMENT LRT - PROFILE	STA. LH765+00 TO STA. LH795+00
312	LH-48	HIGH INVESTMENT LRT - PROFILE	STA. LH796+00 TO STA. LH824+00
313	LH-49	HIGH INVESTMENT LRT - PROFILE	STA. LH861+00 TO STA. LH889+00
314	LH-50	HIGH INVESTMENT LRT - PROFILE	STA. LH903+00 TO STA. LH931+00
315	LH-51	HIGH INVESTMENT LRT - PROFILE	STA. LH931+00 TO STA. LH959+00
316	LH-52	HIGH INVESTMENT LRT - PROFILE	STA. LH1026+00 TO STA. LH1052+00
317	LH-53	HIGH INVESTMENT LRT - PROFILE	STA. LH1052+00 TO STA. LH1079+00
318	LH-54	HIGH INVESTMENT LRT - PROFILE	STA. LH1158+00 TO STA. LH1182+00
319	LH-55	HIGH INVESTMENT LRT - PROFILE	STA. LH1182+00 TO STA. LH1207+00
320	LH-56	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	
321	LH-57	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	
DESIGN OPTION SHEETS			
322	LH-58	DESIGN OPTION - CSX ALTERNATIVE LRT - PLAN	SHEET 1 of 3
323	LH-59	DESIGN OPTION - CSX ALTERNATIVE LRT - PLAN	SHEET 2 of 3
324	LH-60	DESIGN OPTION - CSX ALTERNATIVE LRT - PLAN	SHEET 3 of 3
325	LH-61	DESIGN OPTION - FAULKLAND ALTERNATIVE LRT - PLAN	SHEET 1 of 1
326	LH-62	DESIGN OPTION - THAYER ALTERNATIVE LRT - PLAN	SHEET 1 of 2
327	LH-63	DESIGN OPTION - THAYER ALTERNATIVE LRT - PLAN	SHEET 2 of 2
328	LH-64	DESIGN OPTION - CSX ALTERNATIVE LRT - PROFILE	SHEET 1 of 2
329	LH-65	DESIGN OPTION - CSX ALTERNATIVE LRT - PROFILE	SHEET 2 of 2
330	LH-66	DESIGN OPTION - FAULKLAND ALTERNATIVE LRT - PROFILE	SHEET 1 of 1
331	LH-67	DESIGN OPTION - THAYER ALTERNATIVE LRT - PROFILE	SHEET 1 of 2
332	LH-68	DESIGN OPTION - THAYER ALTERNATIVE LRT - PROFILE	SHEET 2 of 2
333	LH-69	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	
334	LH-70	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	

LEGEND

- PROPOSED BRT ALIGNMENT
- PROPOSED LRT ALIGNMENT
- PROPOSED TUNNEL ALIGNMENT
- PROPOSED STATION PLATFORM
- WB 663 - CURVE LABEL
- PROPOSED REALIGNED TRAFFIC LANE
- PROPOSED RECONSTRUCTED SIDEWALK
- PROPOSED RELATED TRANSIT INFRASTRUCTURE

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
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JE JACOBS

Purple Line

PURPLE LINE

HIGH INVESTMENT LRT
INDEX OF DRAWINGS

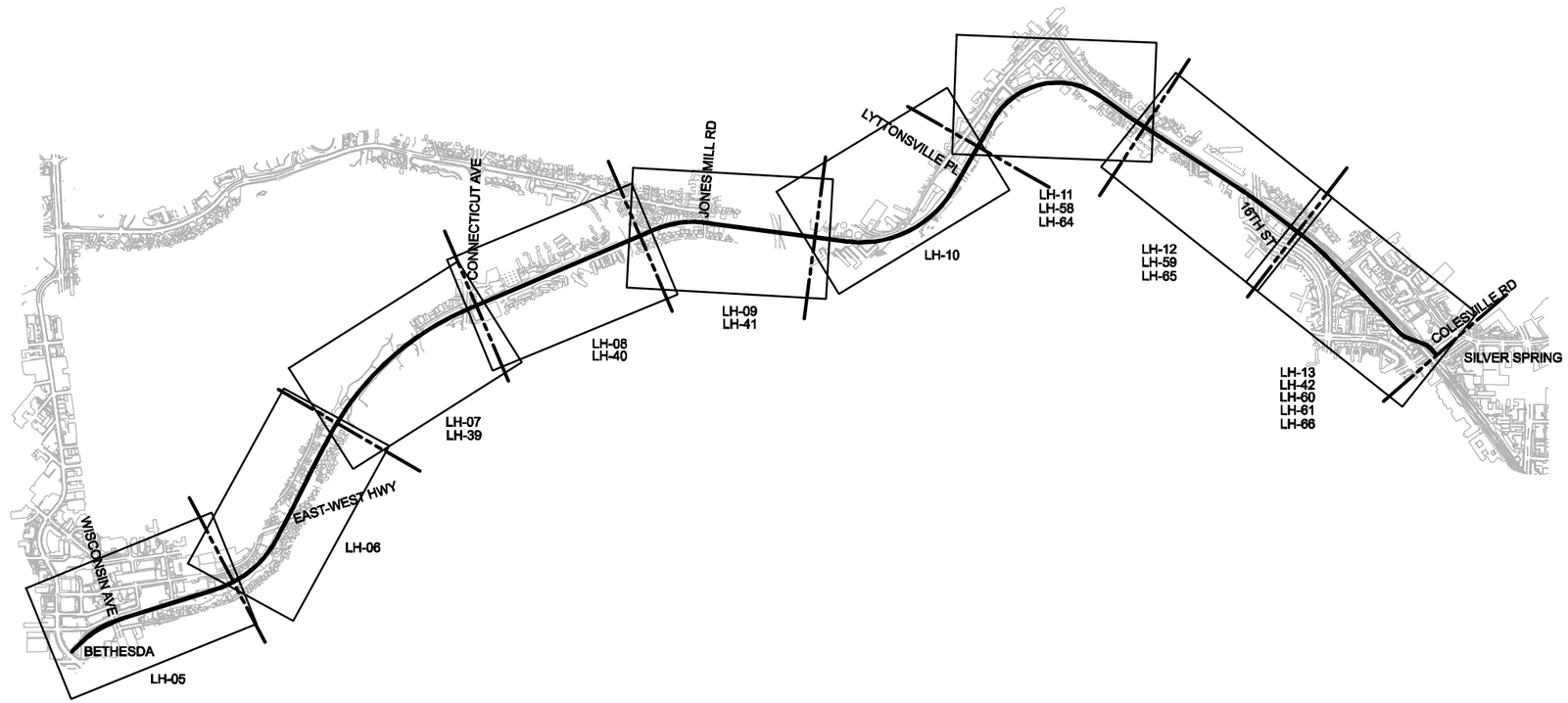
DATE: SEPTEMBER 2008 SCALE: NONE

CONTRACT NO.

DRAWING NO. LH-01

SHEET NO. 265 OF 334

PLOTTED: 10/21/2008
FILE: C:\WORKING\CIVIL\DMS42634\INDEX LRTH-LEGEND.DGN



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MTA Maryland

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JACOBS

Purple Line

1000' 0 1000' 2000'
SCALE: 1"=2000'

PURPLE LINE

HIGH INVESTMENT LRT - KEY PLAN
SHEET 1 OF 3

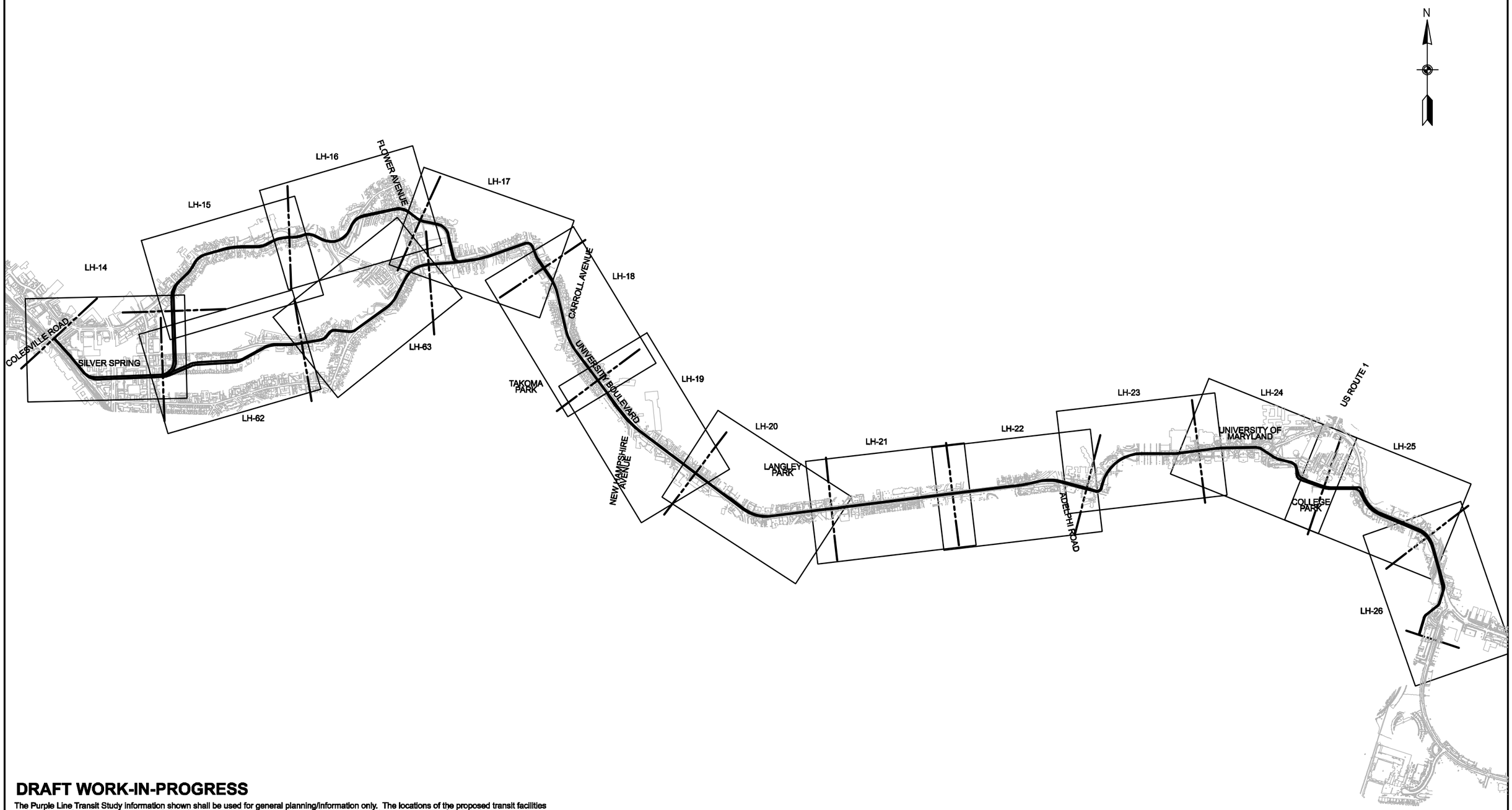
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-02

SHEET NO.
266 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\KEY PLAN-LRTH-WEST.DGN



DRAFT WORK-IN-PROGRESS

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MTA Maryland

PB RK&K
A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

1000' 0 1000' 2000'
SCALE: 1"=2000'

PURPLE LINE

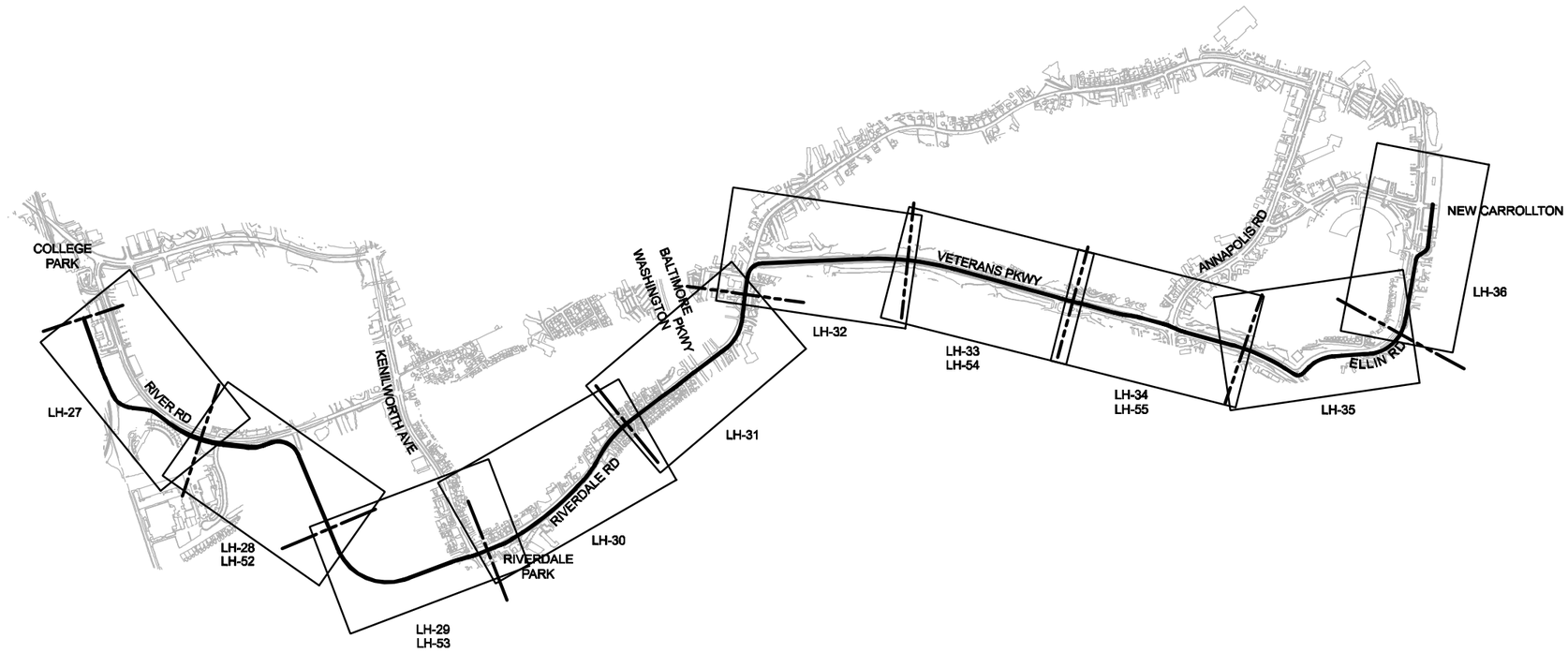
HIGH INVESTMENT LRT - KEY PLAN
SHEET 2 OF 3

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-03

SHEET NO.
267 OF 334



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JE JACOBS

Purple Line

1000' 0 1000' 2000'
SCALE: 1"=2000'

PURPLE LINE

HIGH INVESTMENT LRT - KEY PLAN
SHEET 3 OF 3

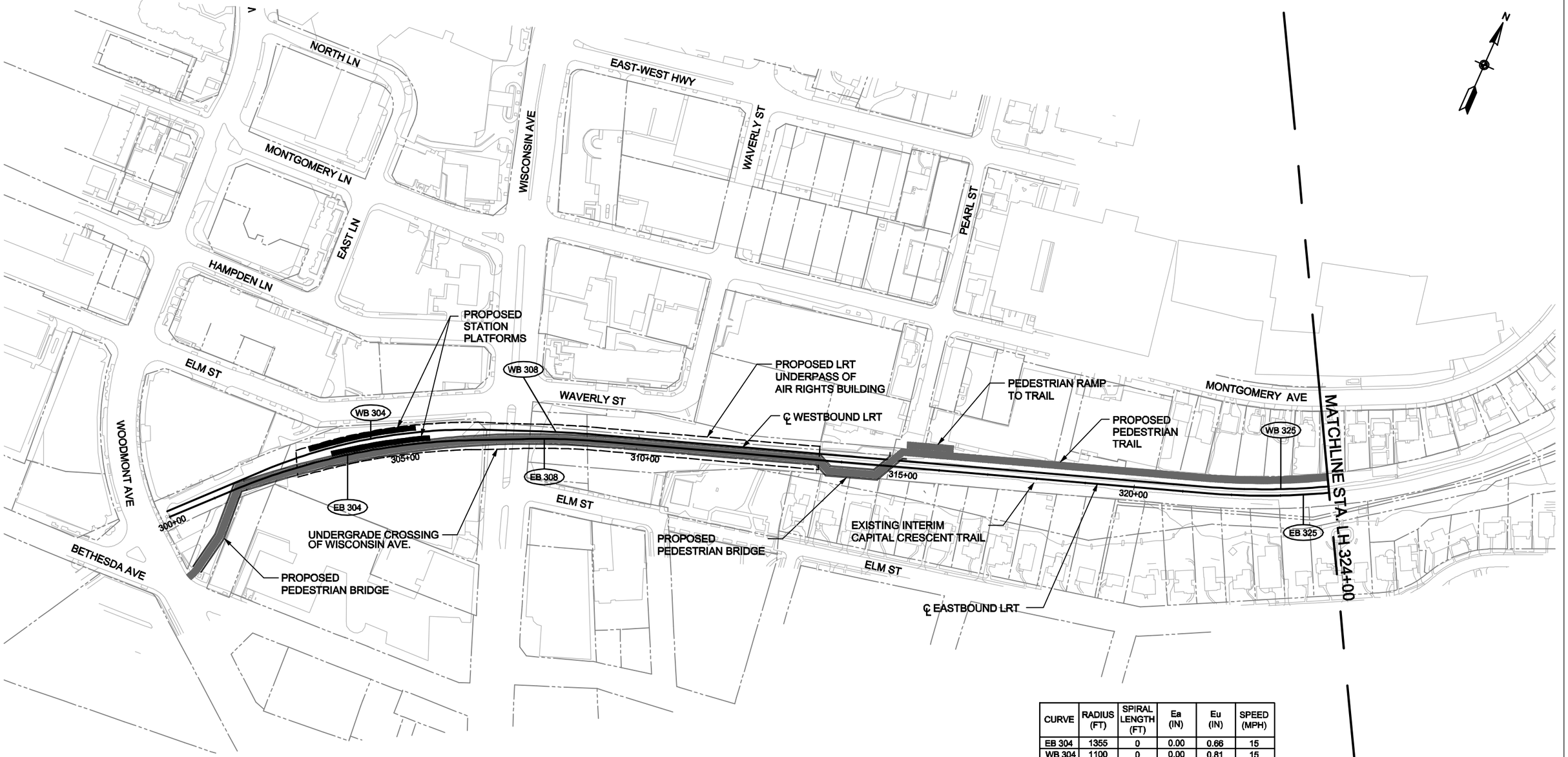
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-04

SHEET NO.
268 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\KEY PLAN-LRTH-EAST.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 304	1355	0	0.00	0.66	15
WB 304	1100	0	0.00	0.81	15
EB 308	1480	0	0.00	1.07	20
WB 308	2000	0	0.00	0.79	20
EB 325	1374	145	3.25	2.58	45
WB 325	1361	145	3.25	2.63	45

DRAFT WORK-IN-PROGRESS

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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

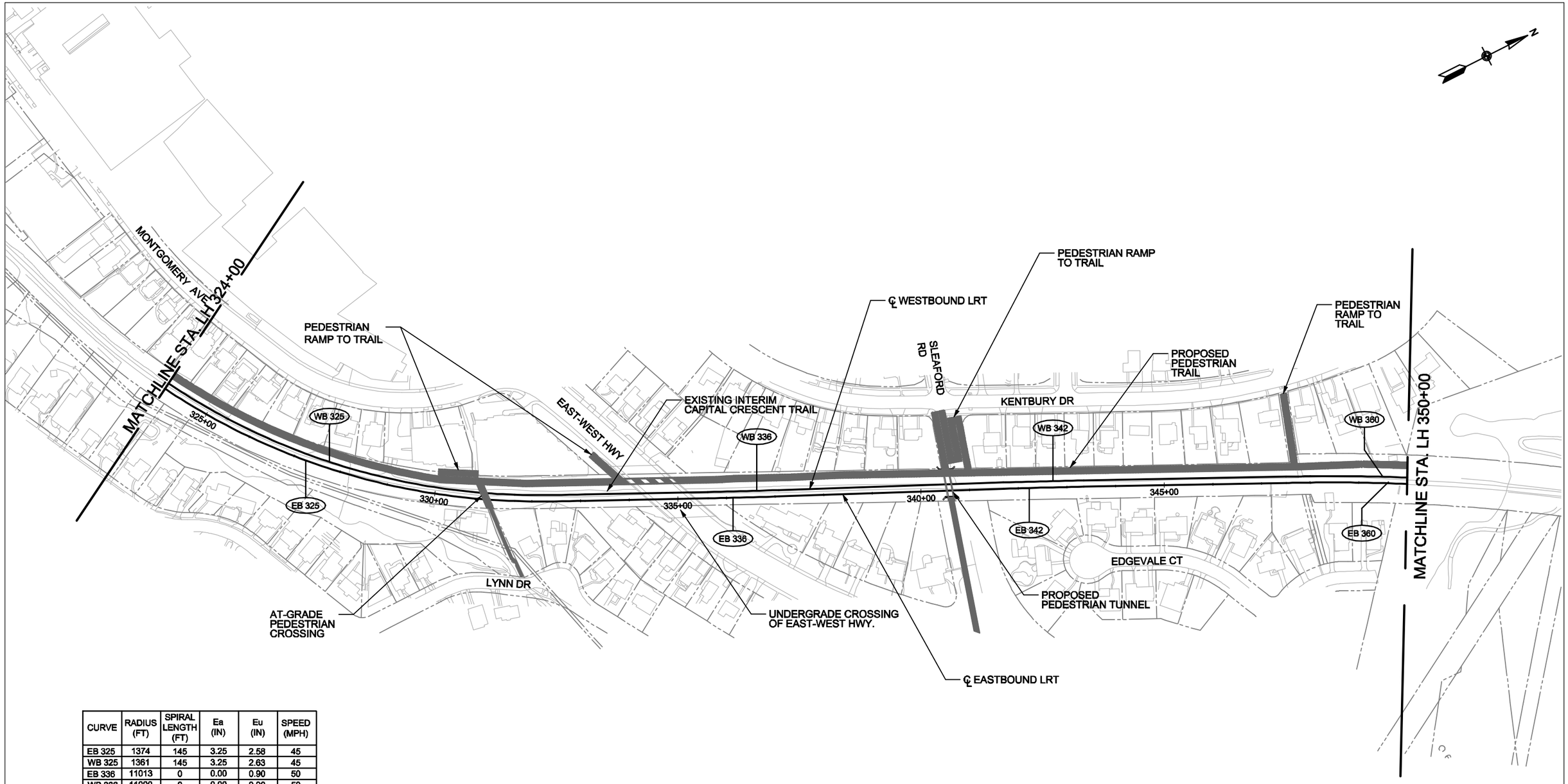
HIGH INVESTMENT LRT - PLAN
STA. LH300+00 TO STA. LH324+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH - 05

SHEET NO. 269 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 325	1374	145	3.25	2.58	45
WB 325	1361	145	3.25	2.63	45
EB 336	11013	0	0.00	0.90	50
WB 336	11000	0	0.00	0.90	50
EB 342	11000	0	0.00	0.90	50
WB 342	11013	0	0.00	0.90	50
EB 360	3800	50	0.25	1.03	35
WB 360	3813	50	0.25	1.03	35

DRAFT WORK-IN-PROGRESS

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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

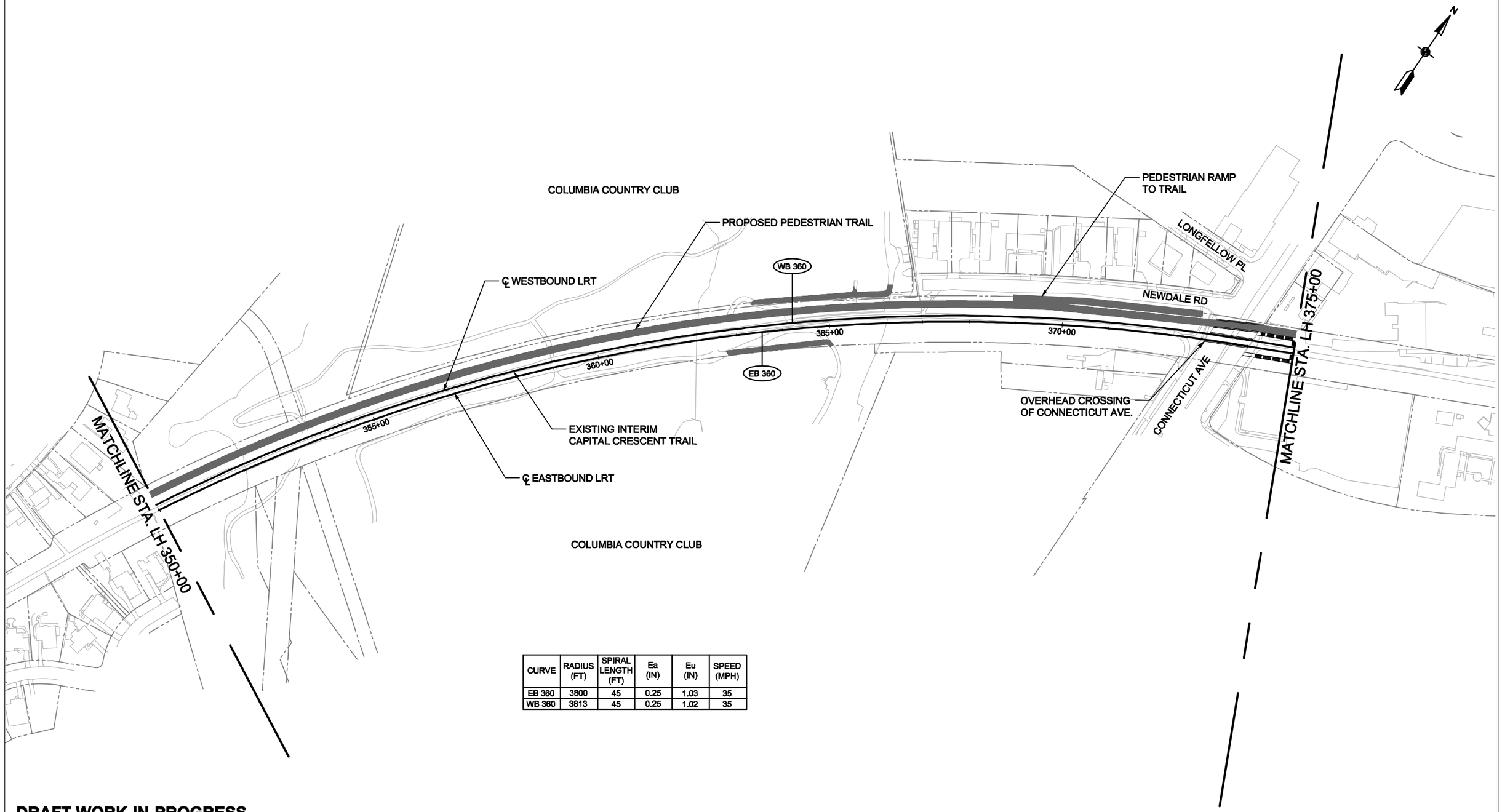
HIGH INVESTMENT LRT - PLAN
STA. LH324+00 TO STA. LH350+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH - 06

SHEET NO. 270 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 360	3800	45	0.25	1.03	35
WB 360	3813	45	0.25	1.02	35

DRAFT WORK-IN-PROGRESS

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MTA Maryland

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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

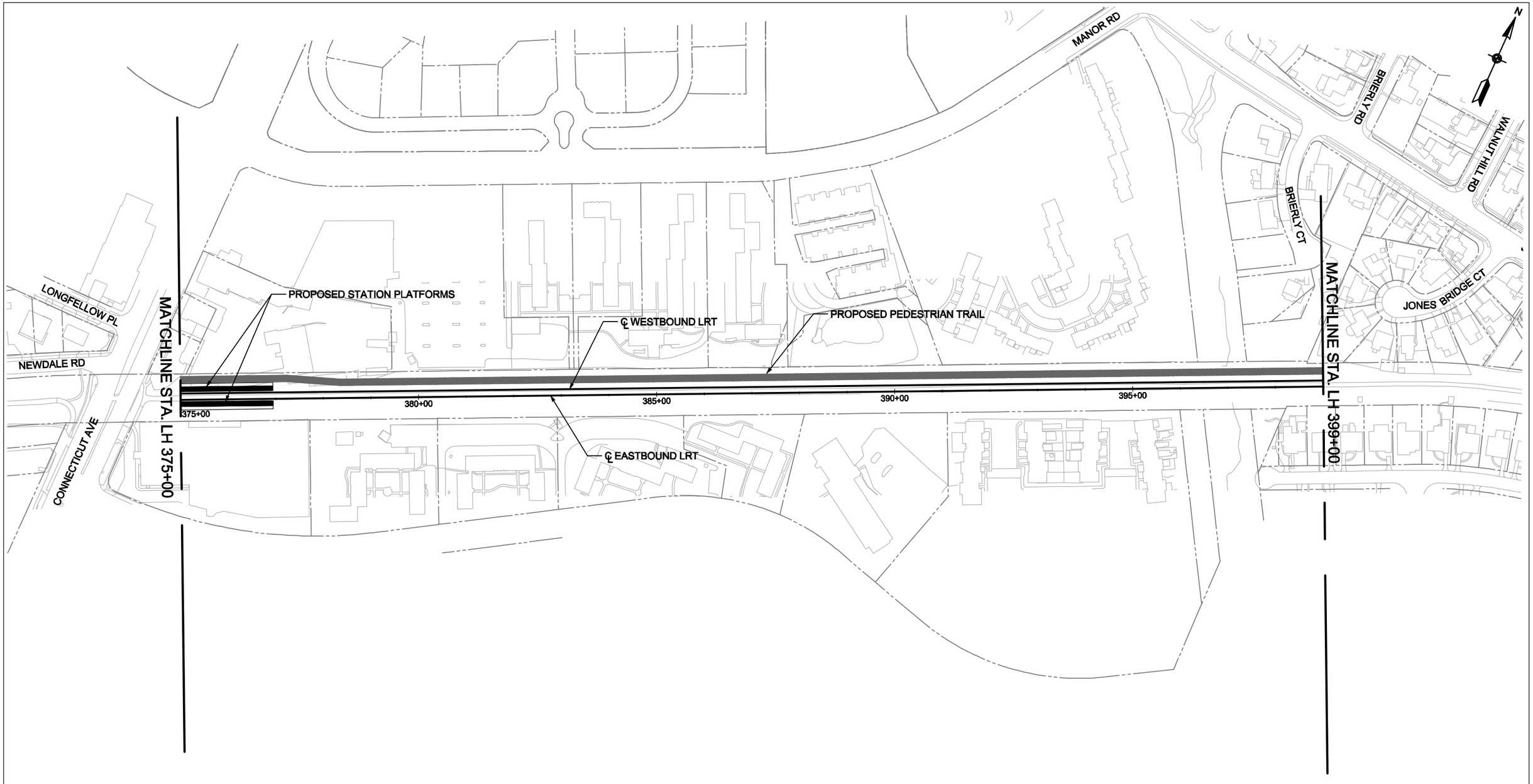
HIGH INVESTMENT LRT - PLAN
STA. LH350+00 TO STA. LH375+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH - 07

SHEET NO.
271 OF 334



DRAFT WORK-IN-PROGRESS

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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

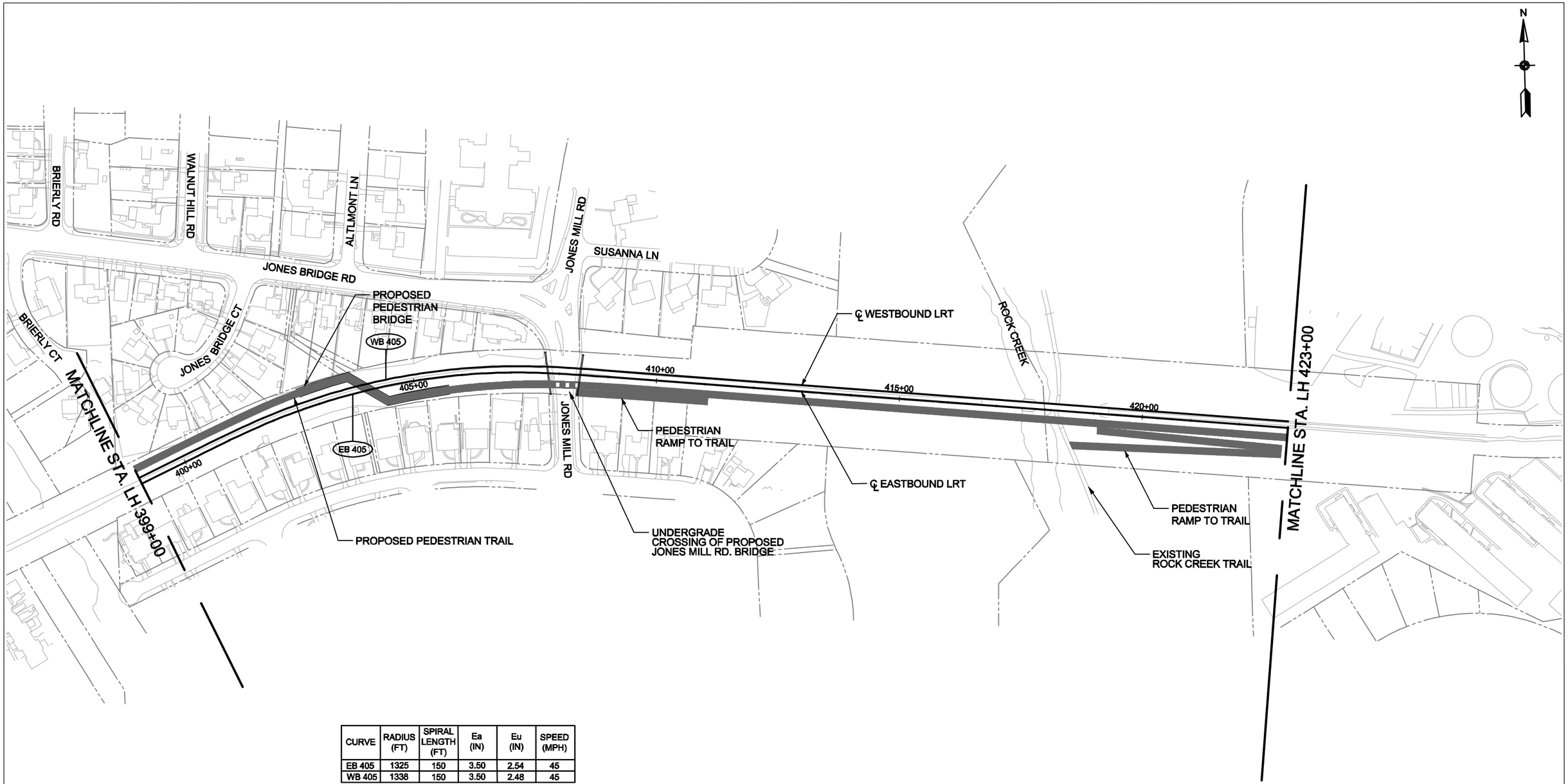
HIGH INVESTMENT LRT - PLAN
STA. LH375+00 TO STA. LH399+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH - 08

SHEET NO.
272 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 405	1325	150	3.50	2.54	45
WB 405	1338	150	3.50	2.48	45

DRAFT WORK-IN-PROGRESS

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Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH399+00 TO STA. LH423+00

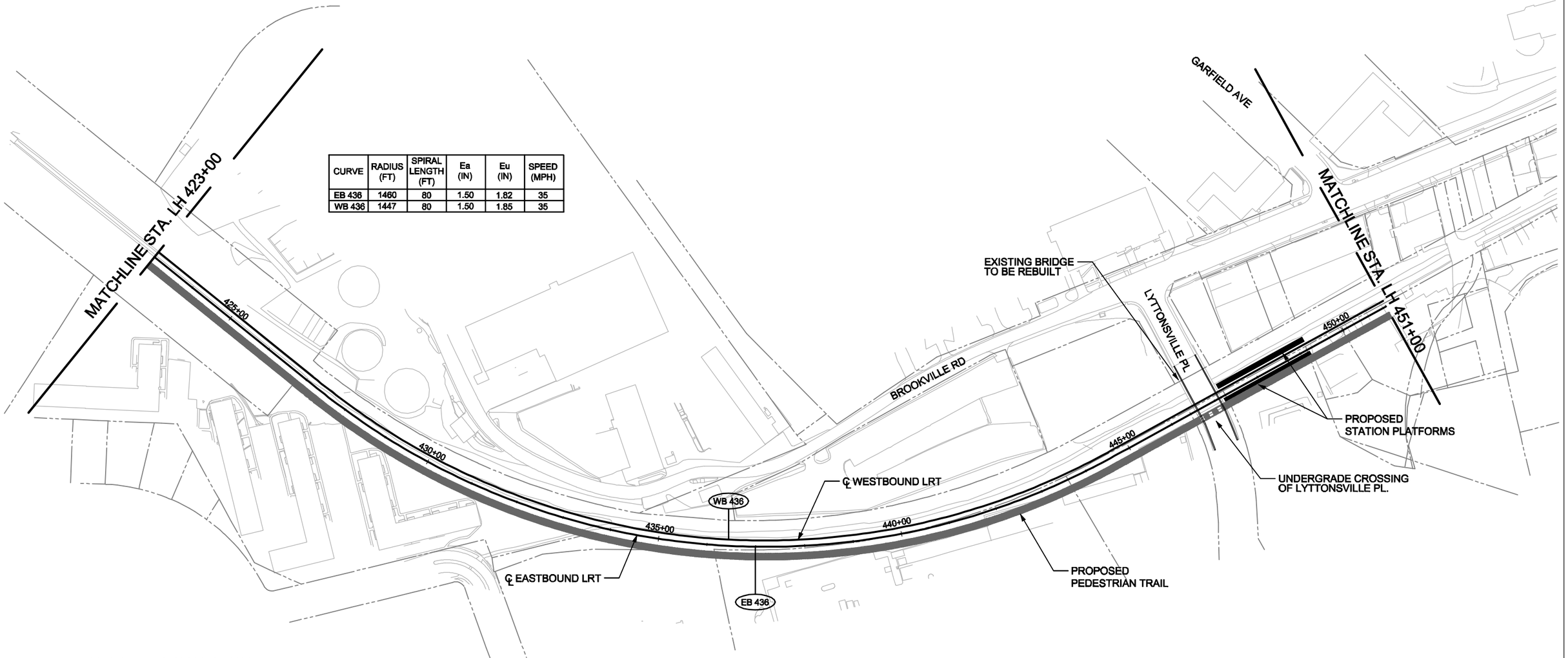
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH - 09

SHEET NO. 273 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 436	1460	80	1.50	1.82	35
WB 436	1447	80	1.50	1.85	35



DRAFT WORK-IN-PROGRESS

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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH423+00 TO STA. LH451+00

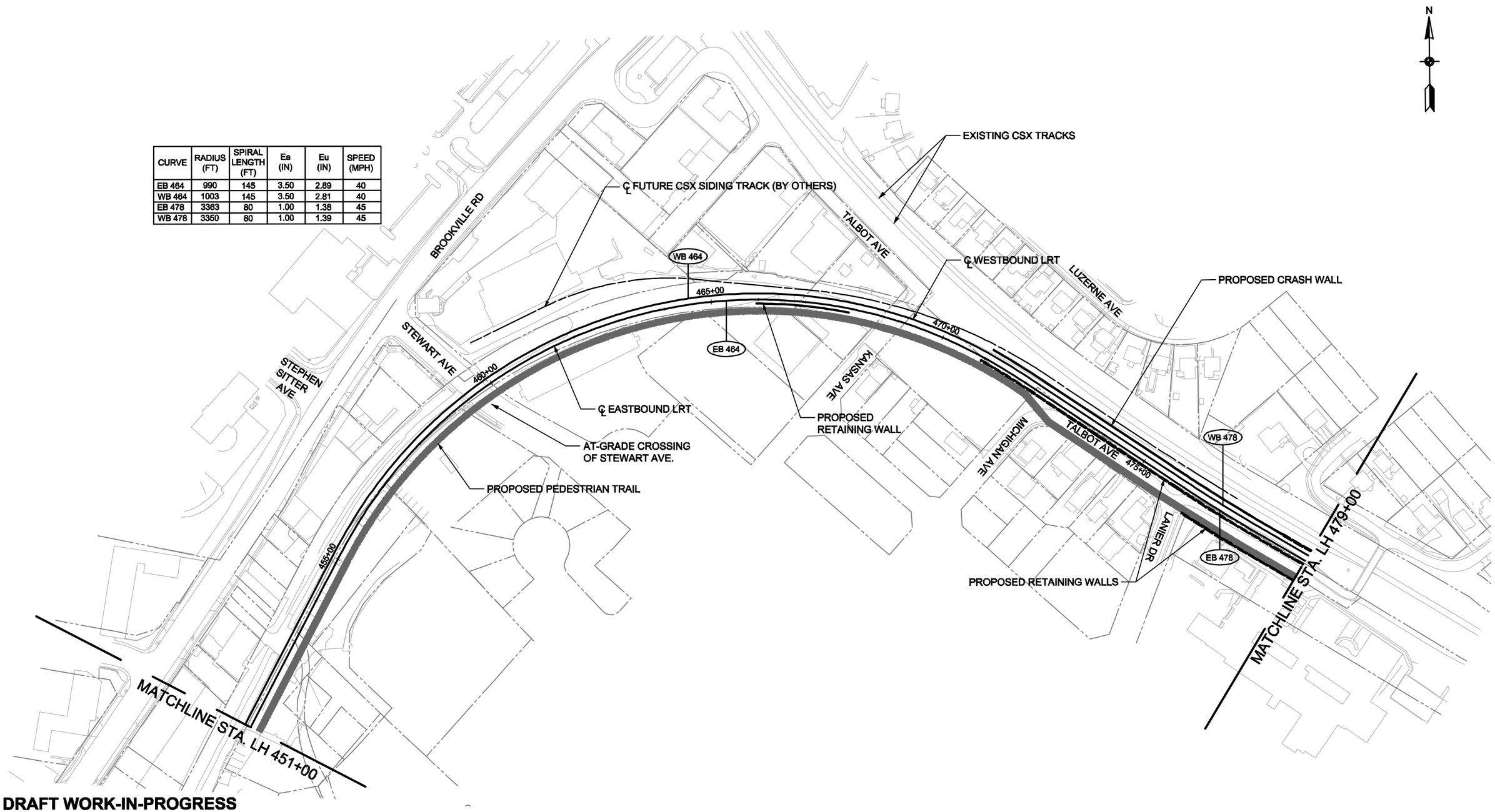
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH - 10

SHEET NO. 274 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 464	990	145	3.50	2.89	40
WB 464	1003	145	3.50	2.81	40
EB 478	3363	80	1.00	1.38	45
WB 478	3350	80	1.00	1.39	45



DRAFT WORK-IN-PROGRESS

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JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

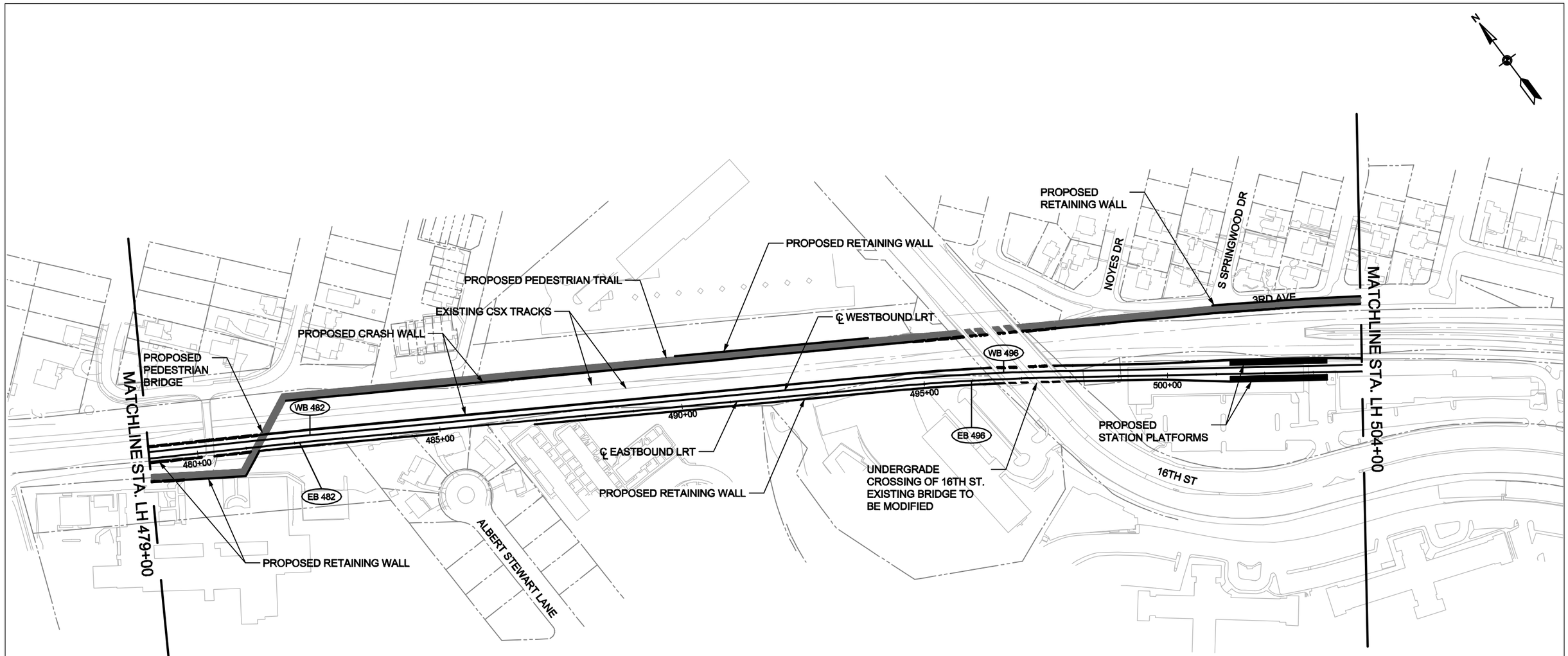
HIGH INVESTMENT LRT - PLAN
STA. LH451+00 TO STA. LH479+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH - 11

SHEET NO.
275 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 482	13500	0	0.00	0.89	55
WB 482	13513	0	0.00	0.89	55
EB 496	4187	110	1.25	1.61	55
WB 496	4200	110	1.25	1.60	55

DRAFT WORK-IN-PROGRESS

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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

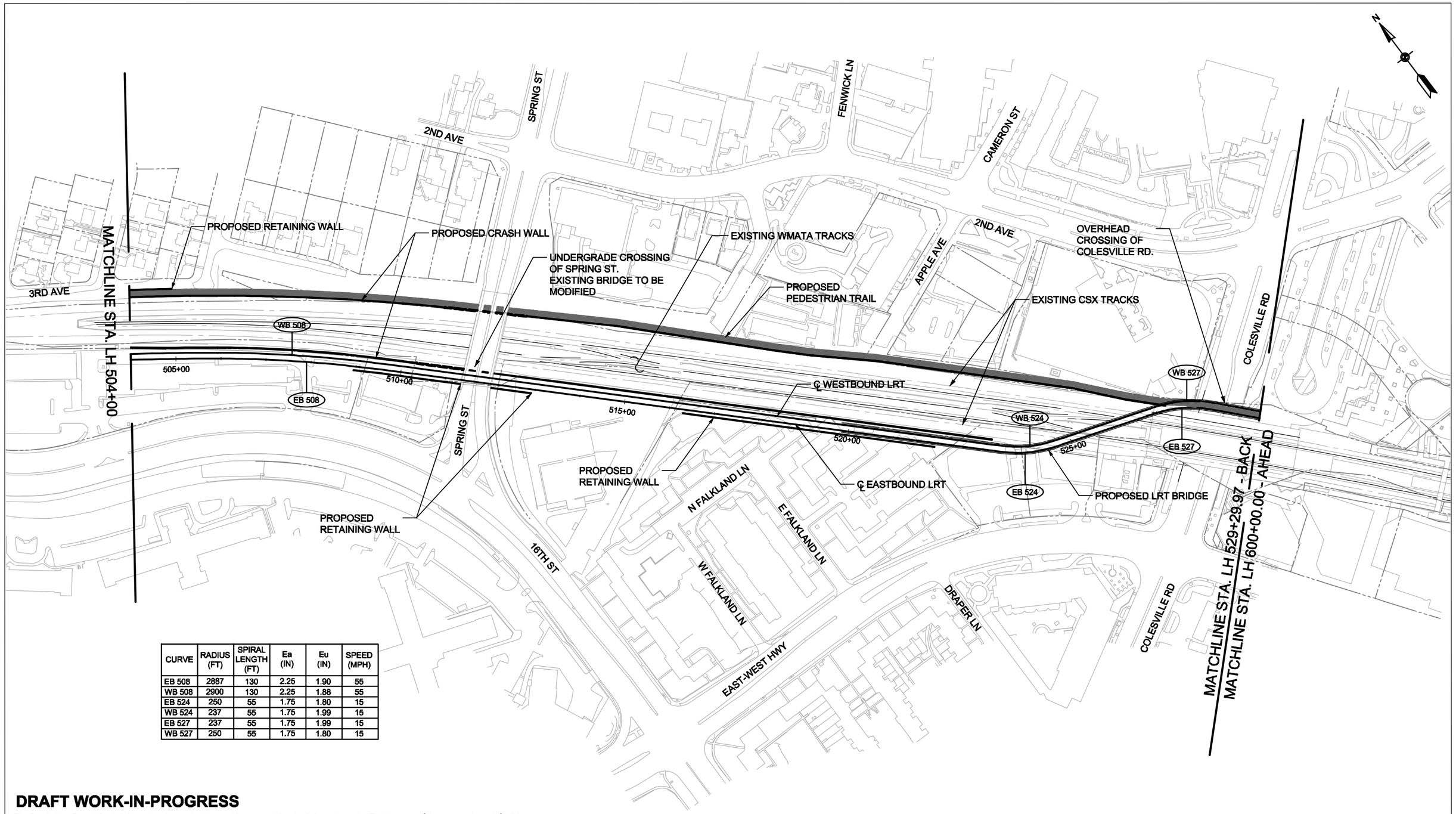
HIGH INVESTMENT LRT - PLAN
STA. LH479+00 TO STA. LH504+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH - 12

SHEET NO. 276 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 508	2887	130	2.25	1.90	55
WB 508	2900	130	2.25	1.88	55
EB 524	250	55	1.75	1.80	15
WB 524	237	55	1.75	1.99	15
EB 527	237	55	1.75	1.99	15
WB 527	250	55	1.75	1.80	15

DRAFT WORK-IN-PROGRESS

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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

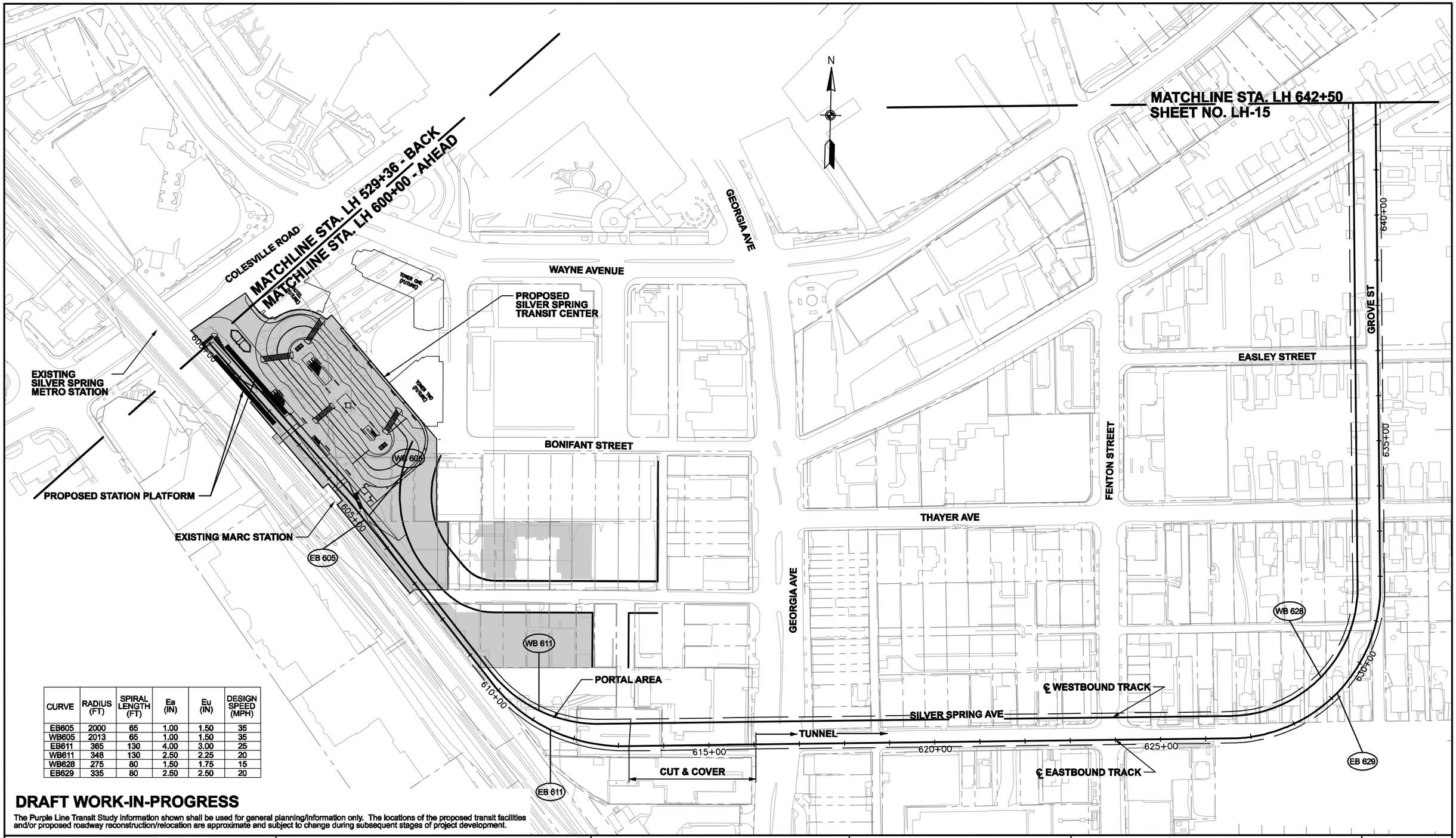
HIGH INVESTMENT LRT - PLAN
STA. LH504+00 TO STA. LH529+29.97

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH - 13

SHEET NO. 277 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB605	2000	65	1.00	1.50	35
WB605	2013	65	1.00	1.50	35
EB611	365	130	4.00	3.00	25
WB611	348	130	2.50	2.25	20
WB628	275	80	1.50	1.75	15
EB629	335	80	2.50	2.50	20

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

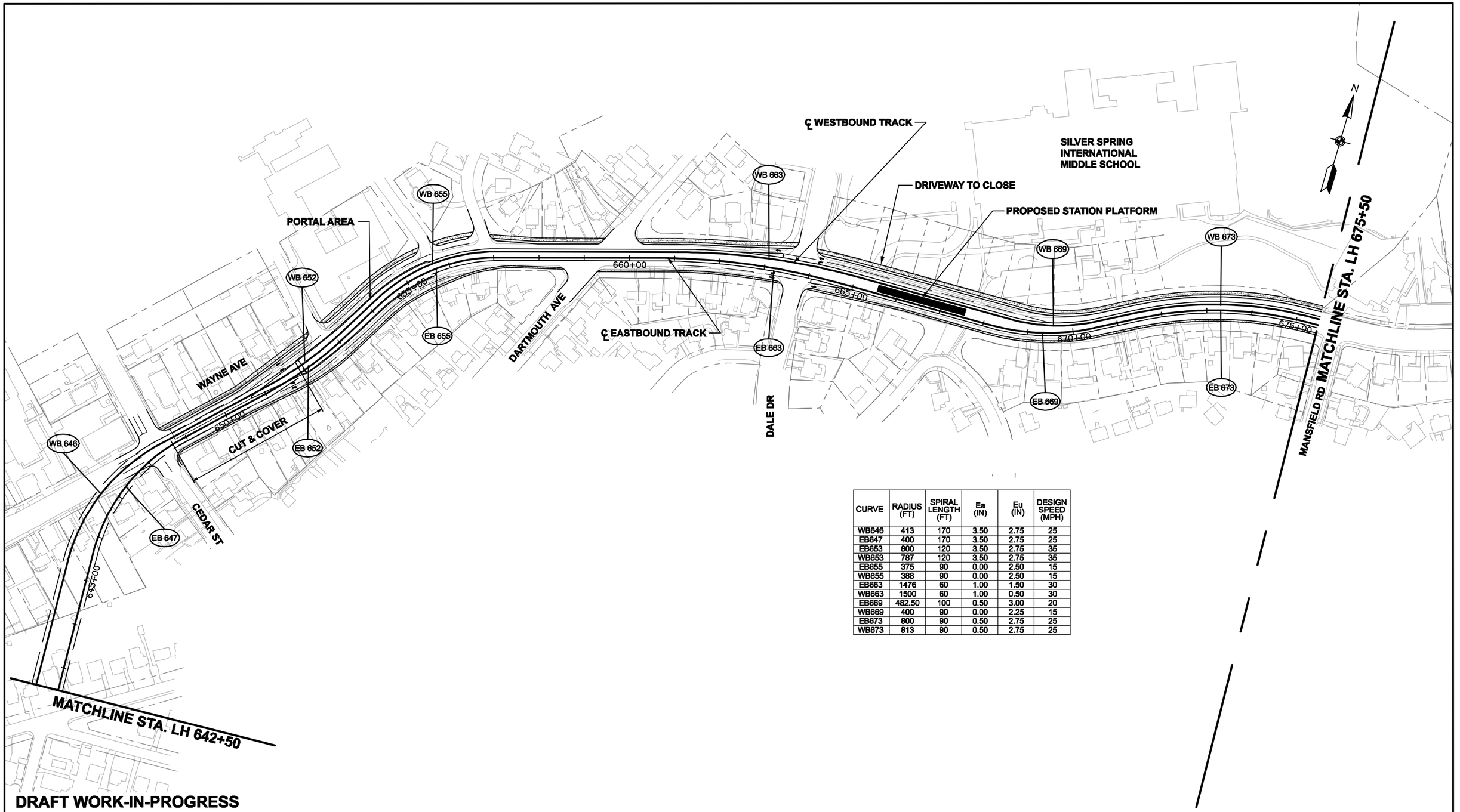
HIGH INVESTMENT LRT - PLAN
STA. LH600+00 TO STA. LH642+50

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-14

SHEET NO. 278 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
WB646	413	170	3.50	2.75	25
EB647	400	170	3.50	2.75	25
EB653	800	120	3.50	2.75	35
WB653	787	120	3.50	2.75	35
EB655	375	90	0.00	2.50	15
WB655	388	90	0.00	2.50	15
EB663	1476	60	1.00	1.50	30
WB663	1500	60	1.00	0.50	30
EB669	482.50	100	0.50	3.00	20
WB669	400	90	0.00	2.25	15
EB673	800	90	0.50	2.75	25
WB673	813	90	0.50	2.75	25

DRAFT WORK-IN-PROGRESS

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MTA Maryland

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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH642+50 TO STA. LH675+50

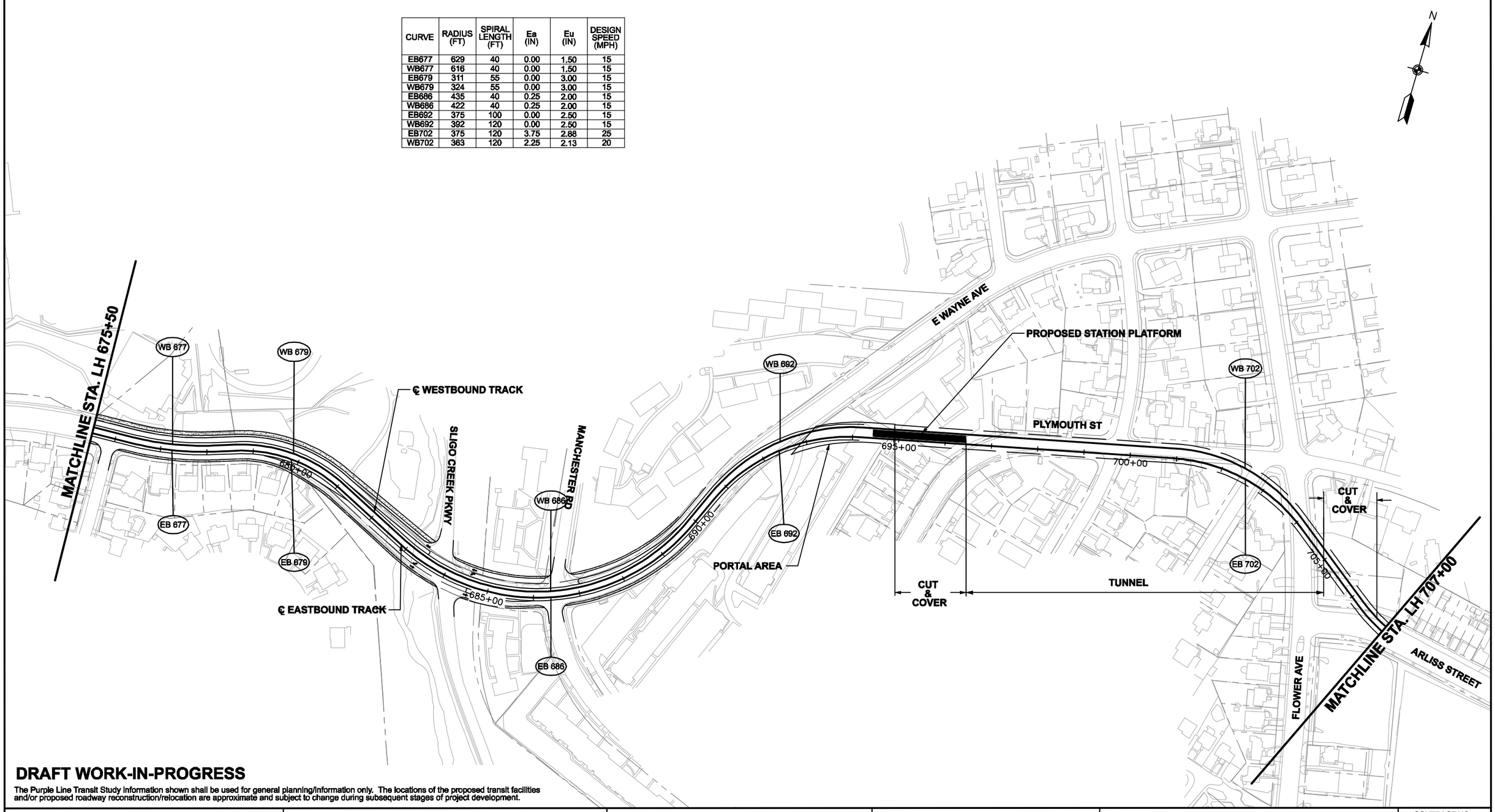
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-15

SHEET NO. 279 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB677	629	40	0.00	1.50	15
WB677	616	40	0.00	1.50	15
EB679	311	55	0.00	3.00	15
WB679	324	55	0.00	3.00	15
EB686	435	40	0.25	2.00	15
WB686	422	40	0.25	2.00	15
EB692	375	100	0.00	2.50	15
WB692	392	120	0.00	2.50	15
EB702	375	120	3.75	2.88	25
WB702	363	120	2.25	2.13	20



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH675+50 TO STA. LH707+00

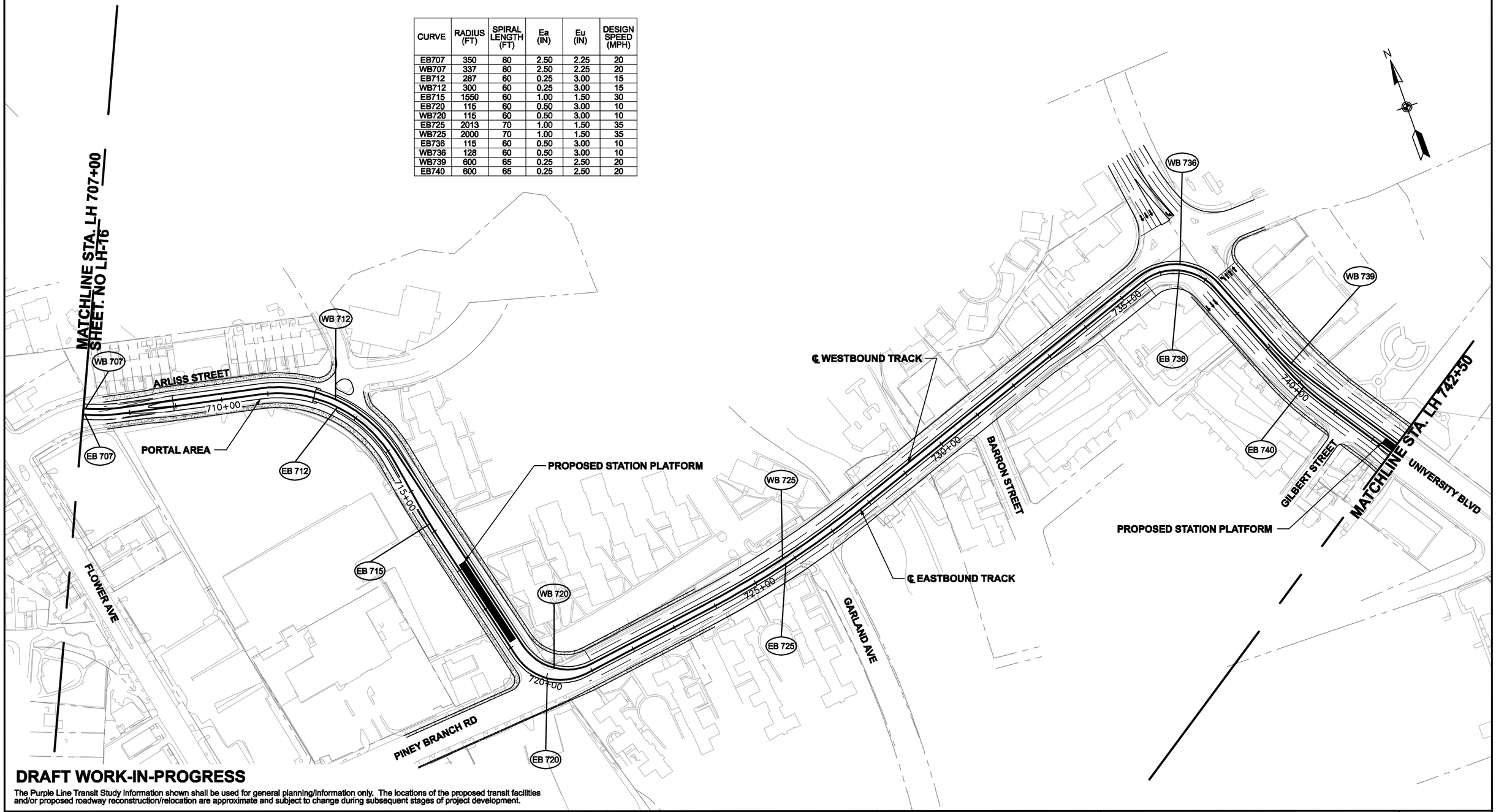
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-16

SHEET NO. 280 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB707	350	80	2.50	2.25	20
WB707	337	80	2.50	2.25	20
EB712	287	60	0.25	3.00	15
WB712	300	60	0.25	3.00	15
EB715	1550	60	1.00	1.50	30
EB720	115	60	0.50	3.00	10
WB720	115	60	0.50	3.00	10
EB725	2013	70	1.00	1.50	35
WB725	2000	70	1.00	1.50	35
EB736	115	60	0.50	3.00	10
WB736	128	60	0.50	3.00	10
WB739	600	65	0.25	2.50	20
EB740	600	65	0.25	2.50	20



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH707+00 TO STA. LH742+50

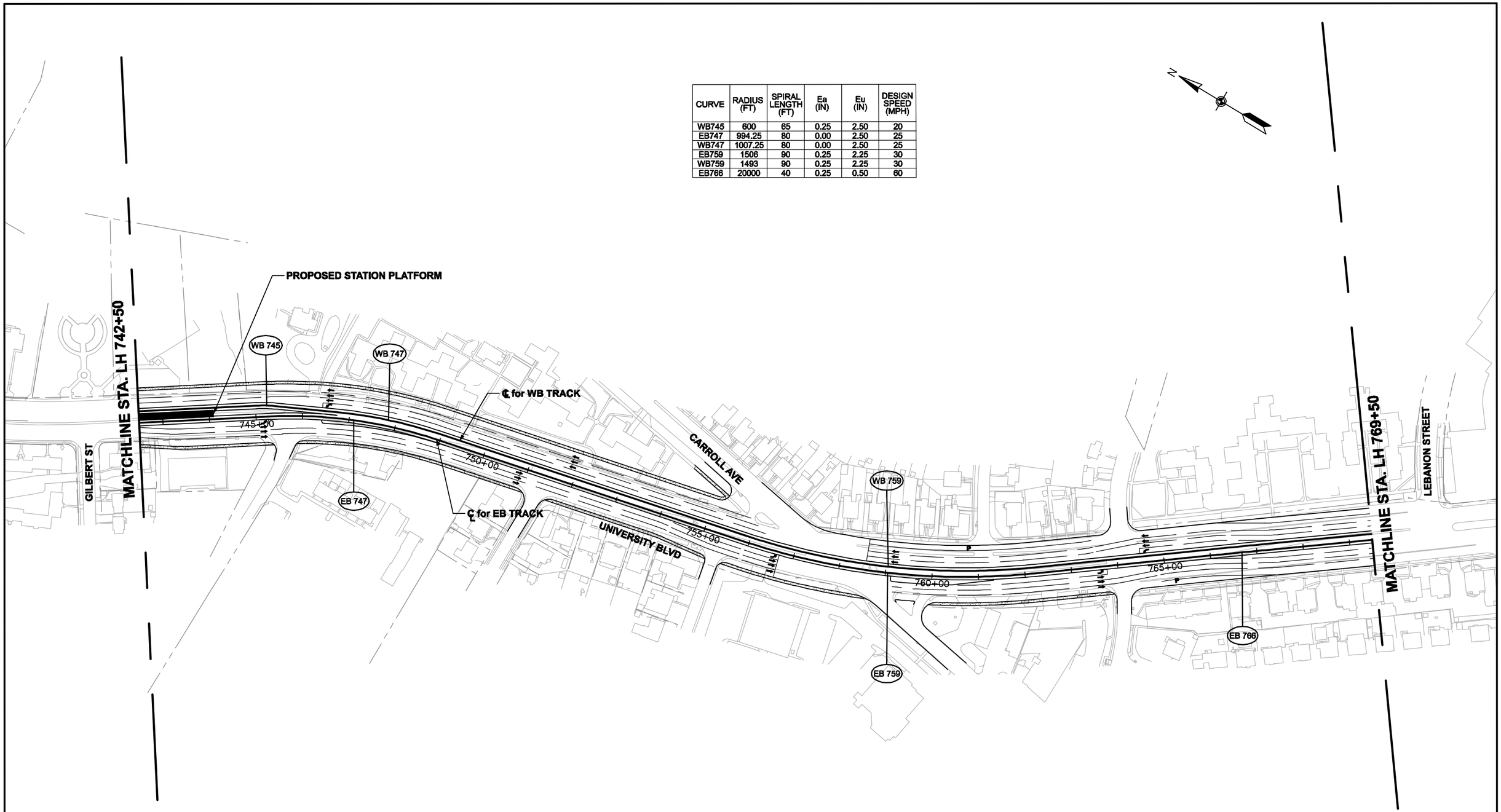
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-17

SHEET NO. 281 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Es (IN)	Eu (IN)	DESIGN SPEED (MPH)
WB745	600	65	0.25	2.50	20
EB747	994.25	80	0.00	2.50	25
WB747	1007.25	80	0.00	2.50	25
EB759	1506	90	0.25	2.25	30
WB759	1493	90	0.25	2.25	30
EB766	20000	40	0.25	0.50	60



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

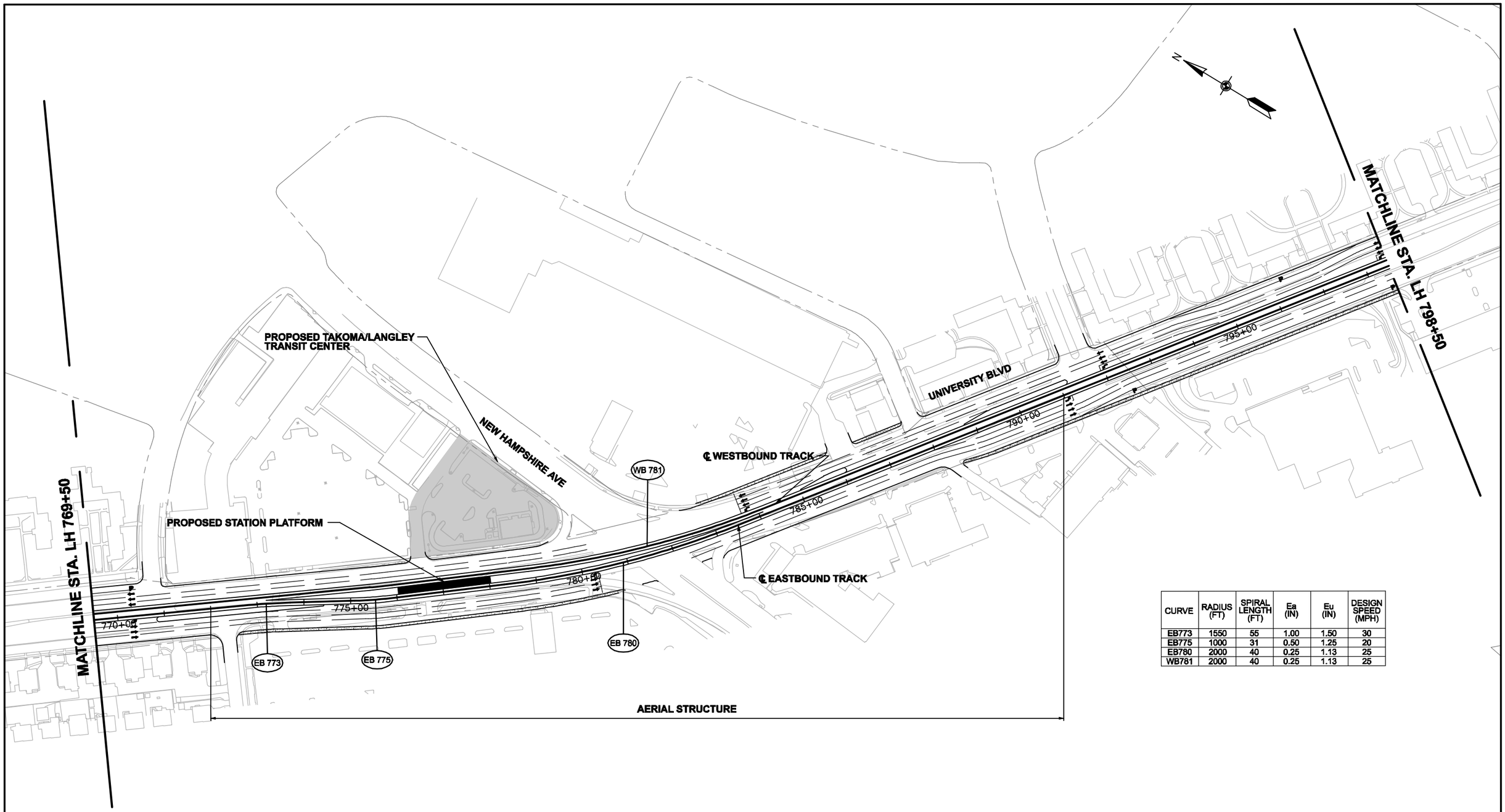
HIGH INVESTMENT LRT - PLAN
STA. LH742+50 TO STA. LH769+50

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-18

SHEET NO.
282 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB773	1550	55	1.00	1.50	30
EB775	1000	31	0.50	1.25	20
EB780	2000	40	0.25	1.13	25
WB781	2000	40	0.25	1.13	25

DRAFT WORK-IN-PROGRESS

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MTA Maryland

PB RK&K
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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH769+50 TO STA. LH798+50

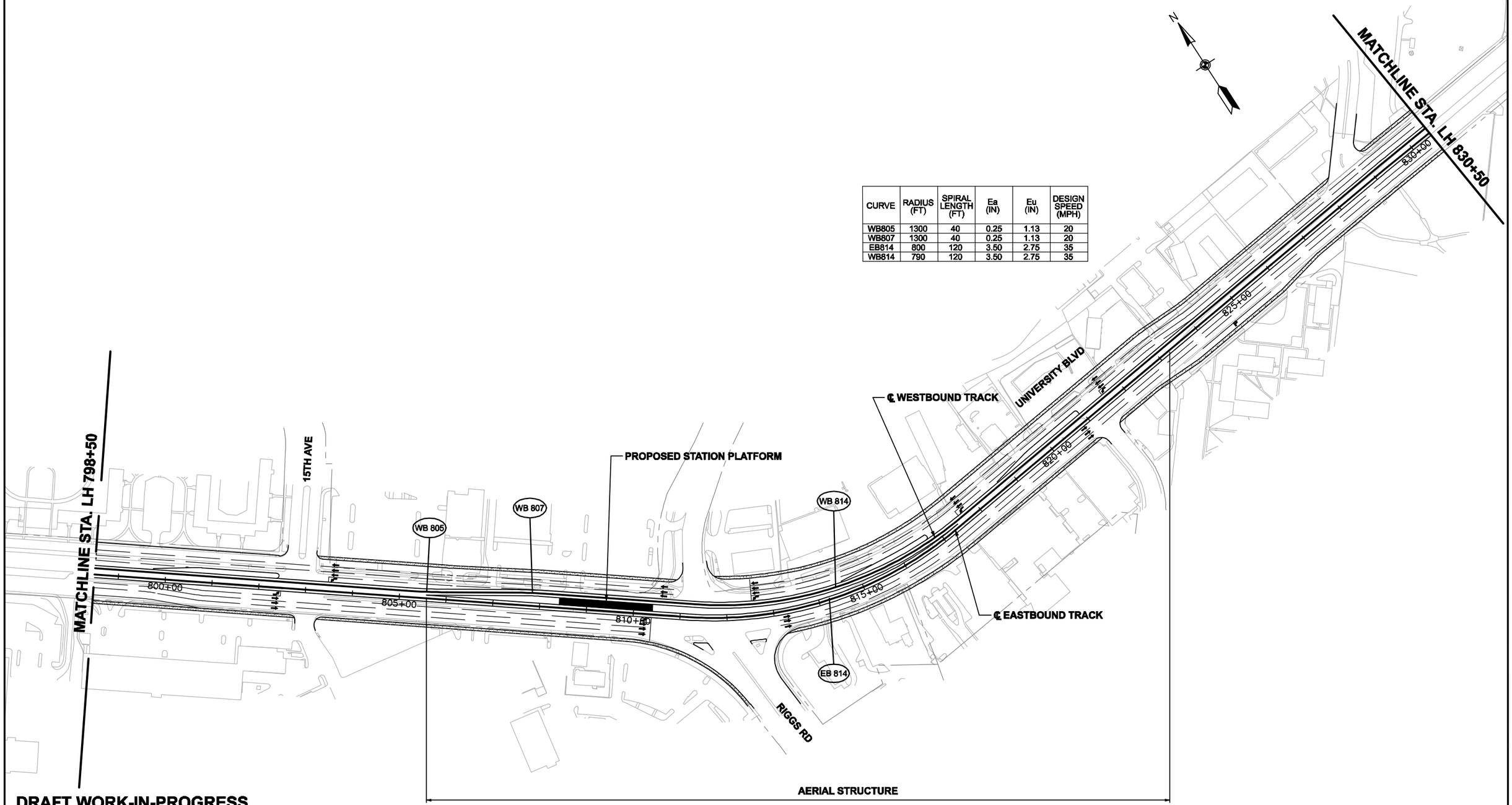
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-19

SHEET NO. 283 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
WB805	1300	40	0.25	1.13	20
WB807	1300	40	0.25	1.13	20
EB814	800	120	3.50	2.75	35
WB814	790	120	3.50	2.75	35



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

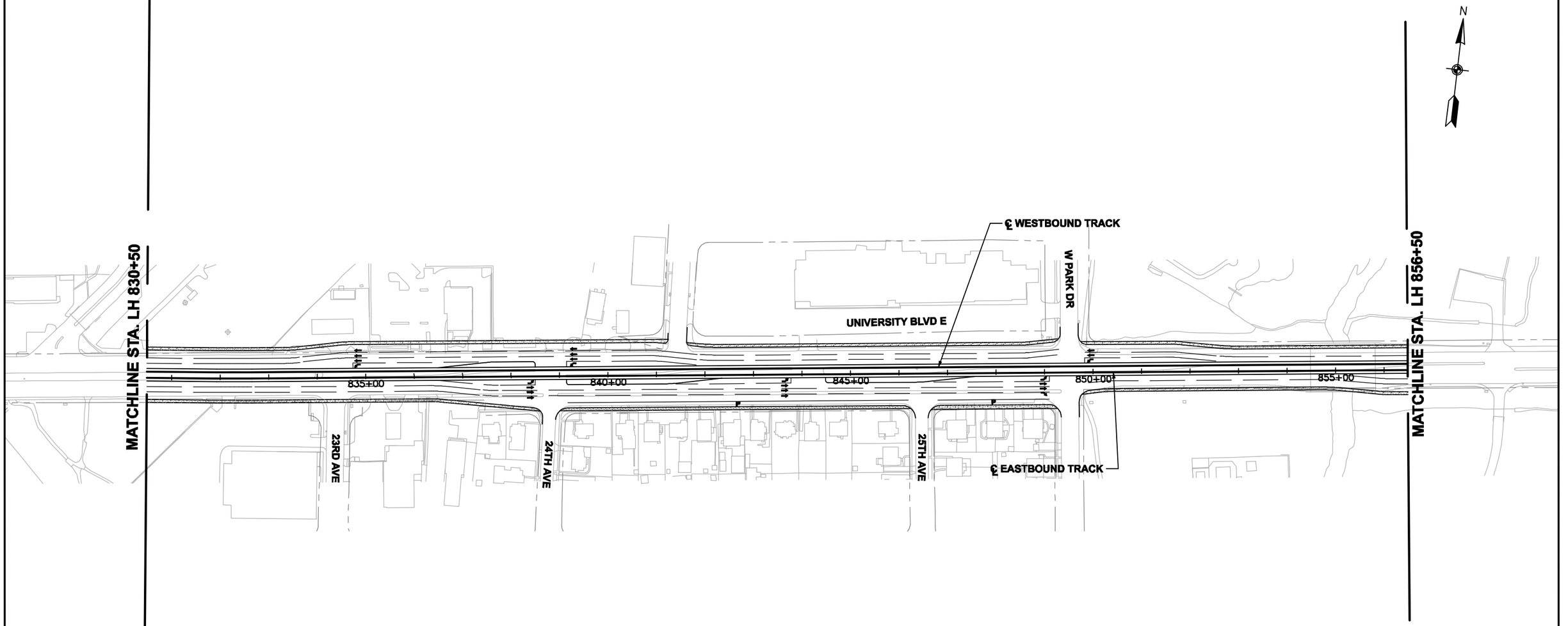
HIGH INVESTMENT LRT - PLAN
STA. LH798+50 TO STA. LH830+50

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-20

SHEET NO. 284 OF 334



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH830+50 TO STA. LH856+50

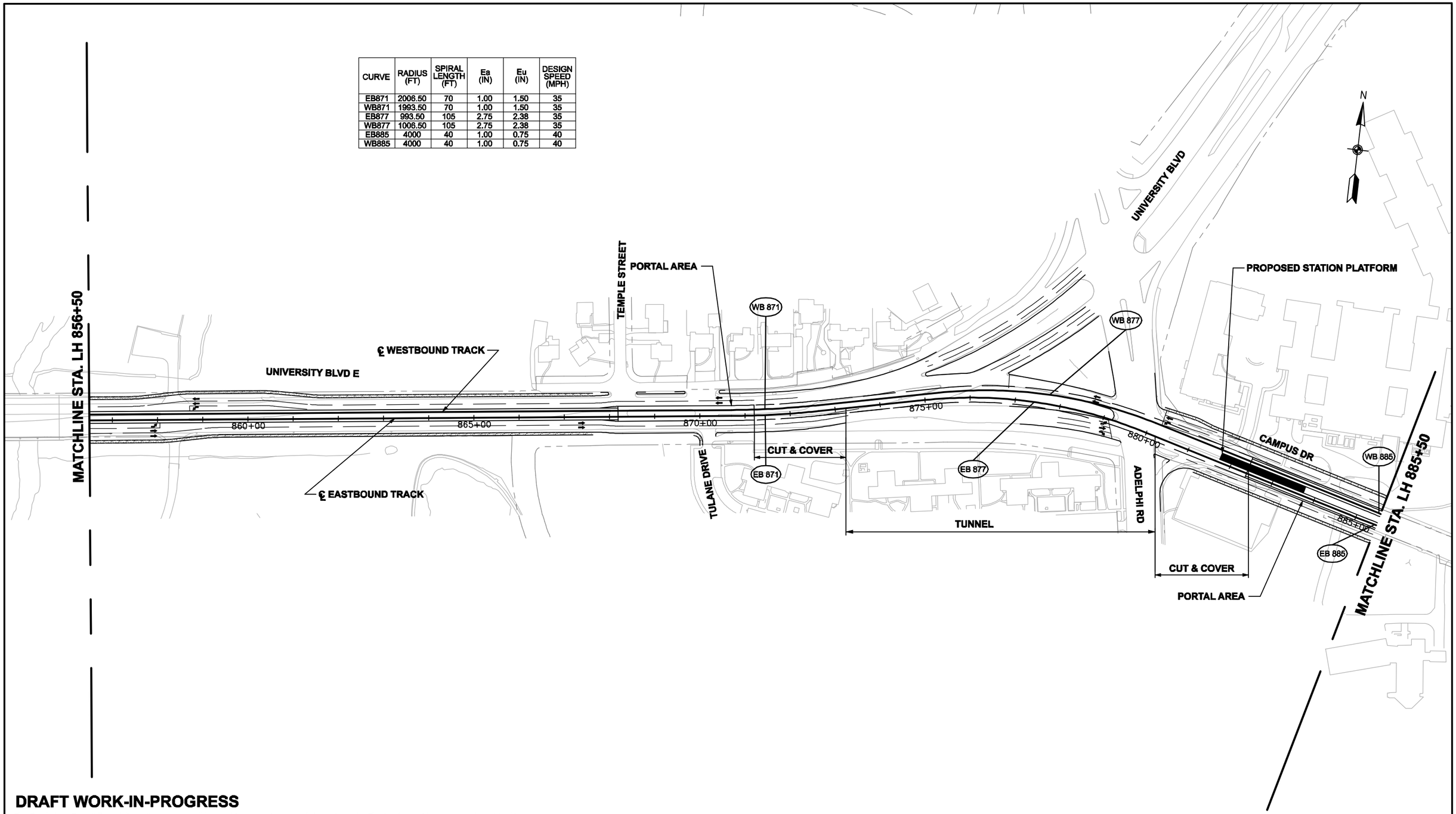
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-21

SHEET NO. 285 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB871	2006.50	70	1.00	1.50	35
WB871	1993.50	70	1.00	1.50	35
EB877	993.50	105	2.75	2.38	35
WB877	1006.50	105	2.75	2.38	35
EB885	4000	40	1.00	0.75	40
WB885	4000	40	1.00	0.75	40



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
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Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH856+50 TO STA. LH885+50

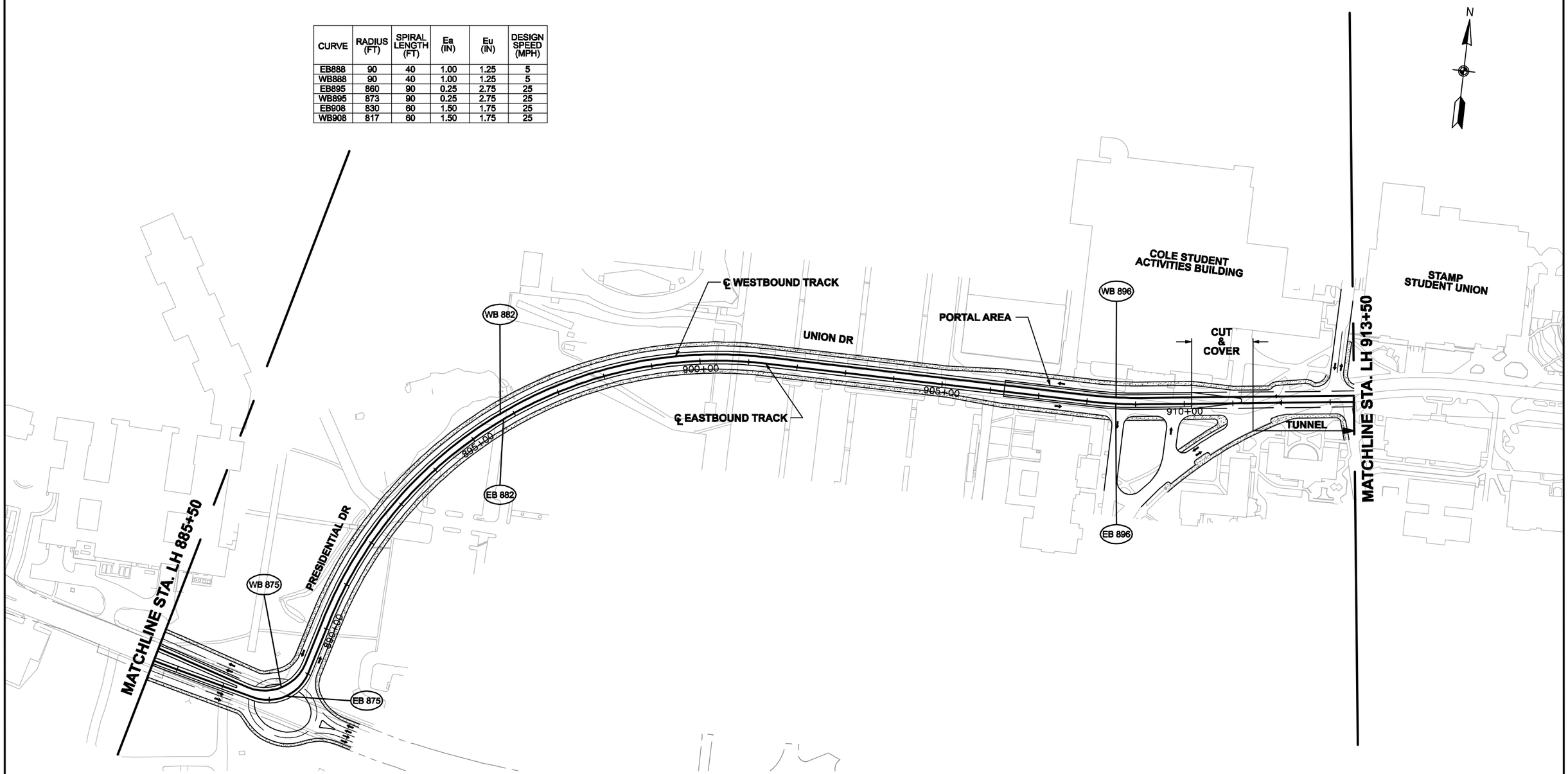
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-22

SHEET NO. 286 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB888	90	40	1.00	1.25	5
WB888	90	40	1.00	1.25	5
EB895	860	90	0.25	2.75	25
WB895	873	90	0.25	2.75	25
EB908	830	60	1.50	1.75	25
WB908	817	60	1.50	1.75	25



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
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Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH885+50 TO STA. LH913+50

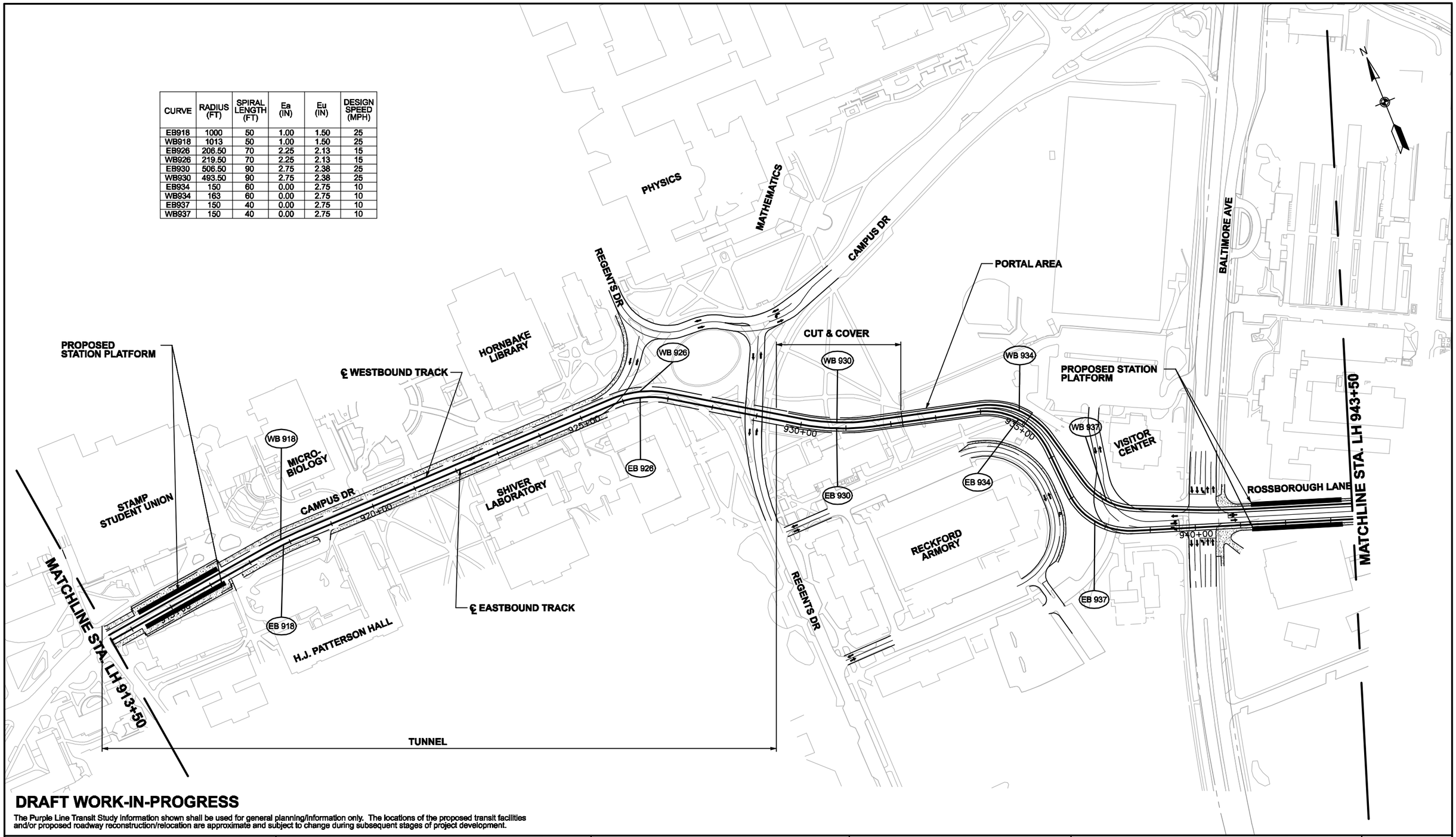
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-23

SHEET NO. 287 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB918	1000	50	1.00	1.50	25
WB918	1013	50	1.00	1.50	25
EB926	206.50	70	2.25	2.13	15
WB926	219.50	70	2.25	2.13	15
EB930	506.50	90	2.75	2.38	25
WB930	493.50	90	2.75	2.38	25
EB934	150	60	0.00	2.75	10
WB934	163	60	0.00	2.75	10
EB937	150	40	0.00	2.75	10
WB937	150	40	0.00	2.75	10



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
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Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH913+50 TO STA. LH943+50

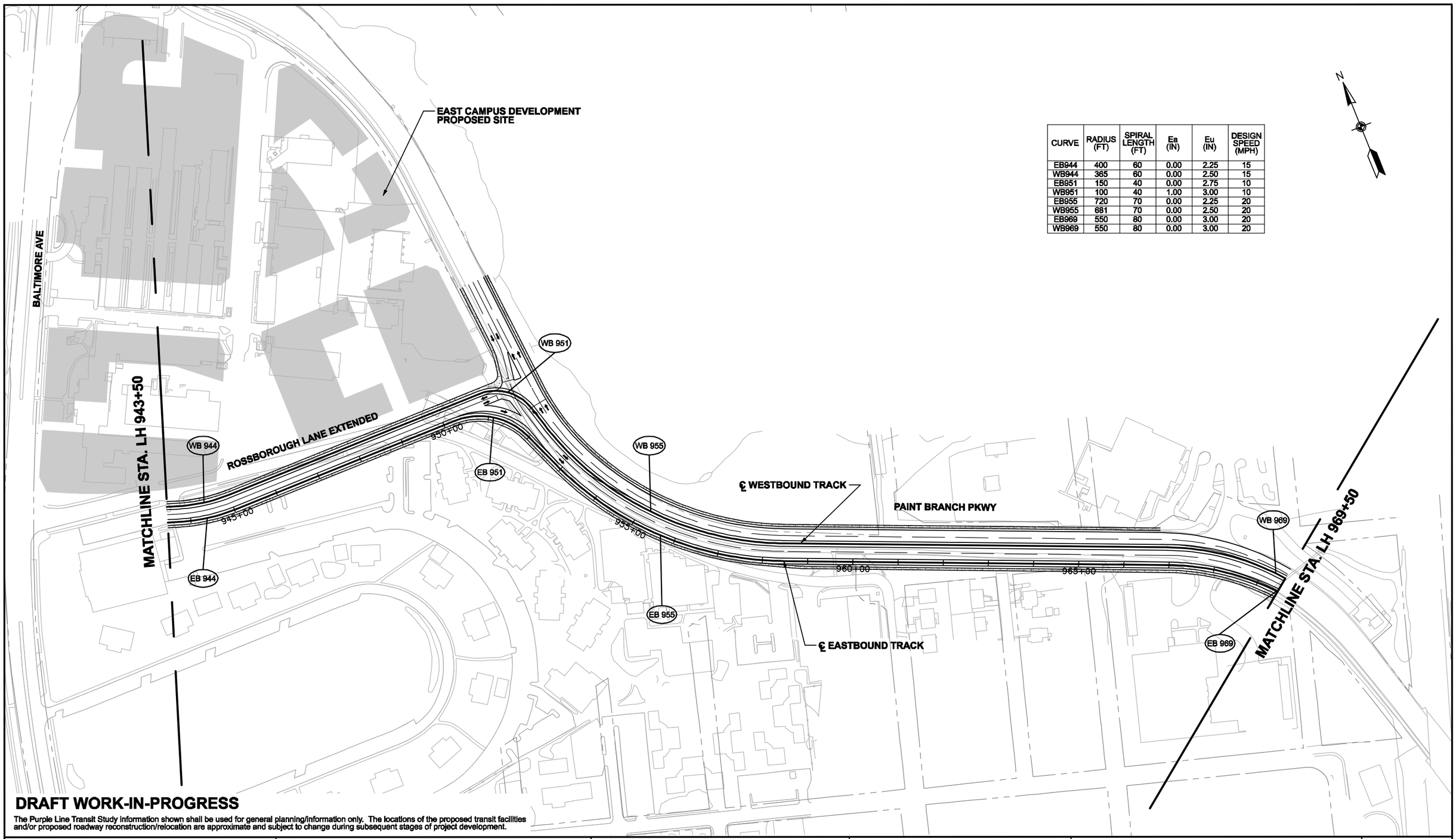
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-24

SHEET NO. 288 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB944	400	60	0.00	2.25	15
WB944	365	60	0.00	2.50	15
EB951	150	40	0.00	2.75	10
WB951	100	40	1.00	3.00	10
EB955	720	70	0.00	2.25	20
WB955	681	70	0.00	2.50	20
EB969	550	80	0.00	3.00	20
WB969	550	80	0.00	3.00	20



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH943+50 TO STA. LH969+50

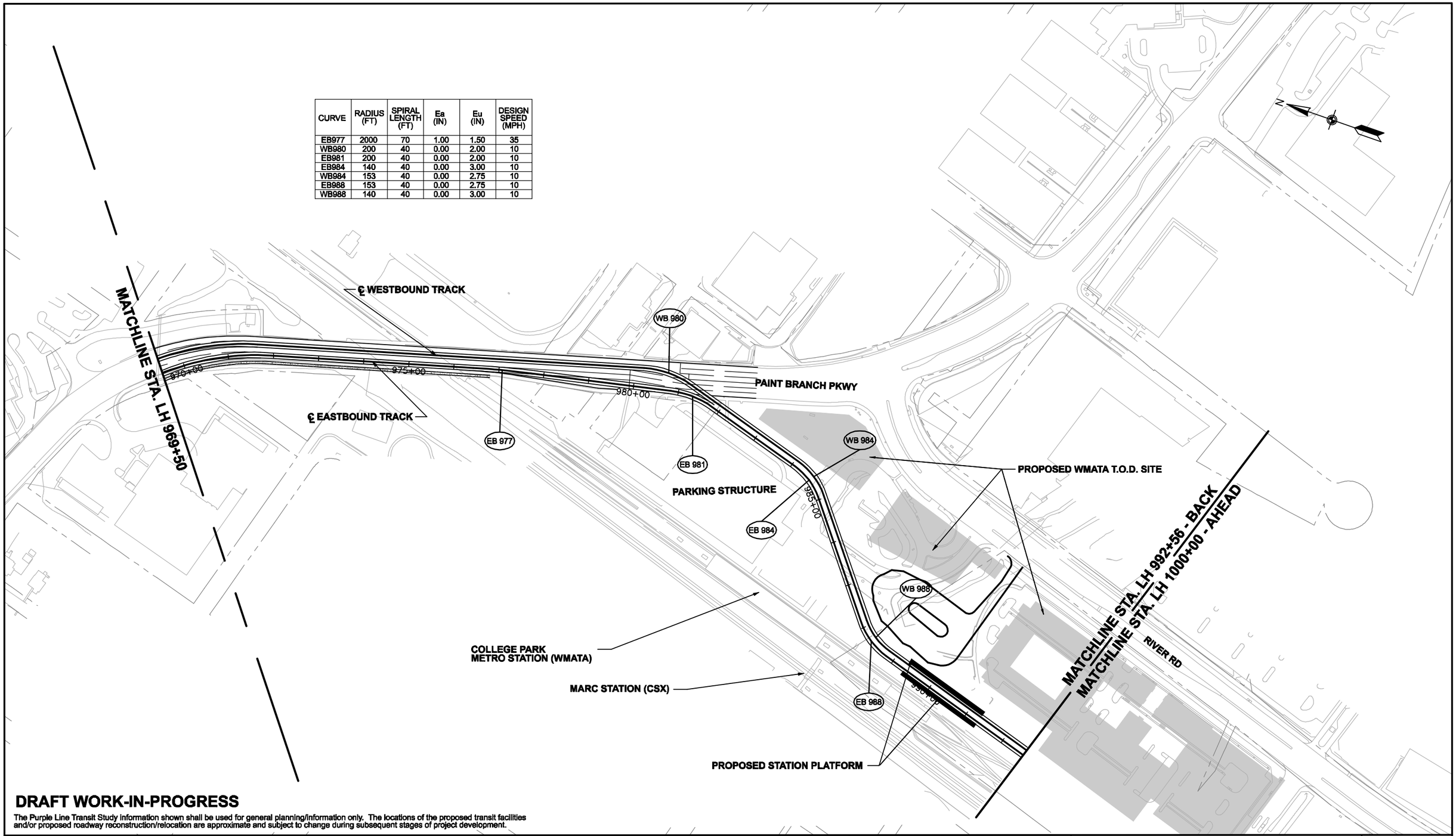
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-25

SHEET NO. 289 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB977	2000	70	1.00	1.50	35
WB980	200	40	0.00	2.00	10
EB981	200	40	0.00	2.00	10
EB984	140	40	0.00	3.00	10
WB984	153	40	0.00	2.75	10
EB988	153	40	0.00	2.75	10
WB988	140	40	0.00	3.00	10



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

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PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

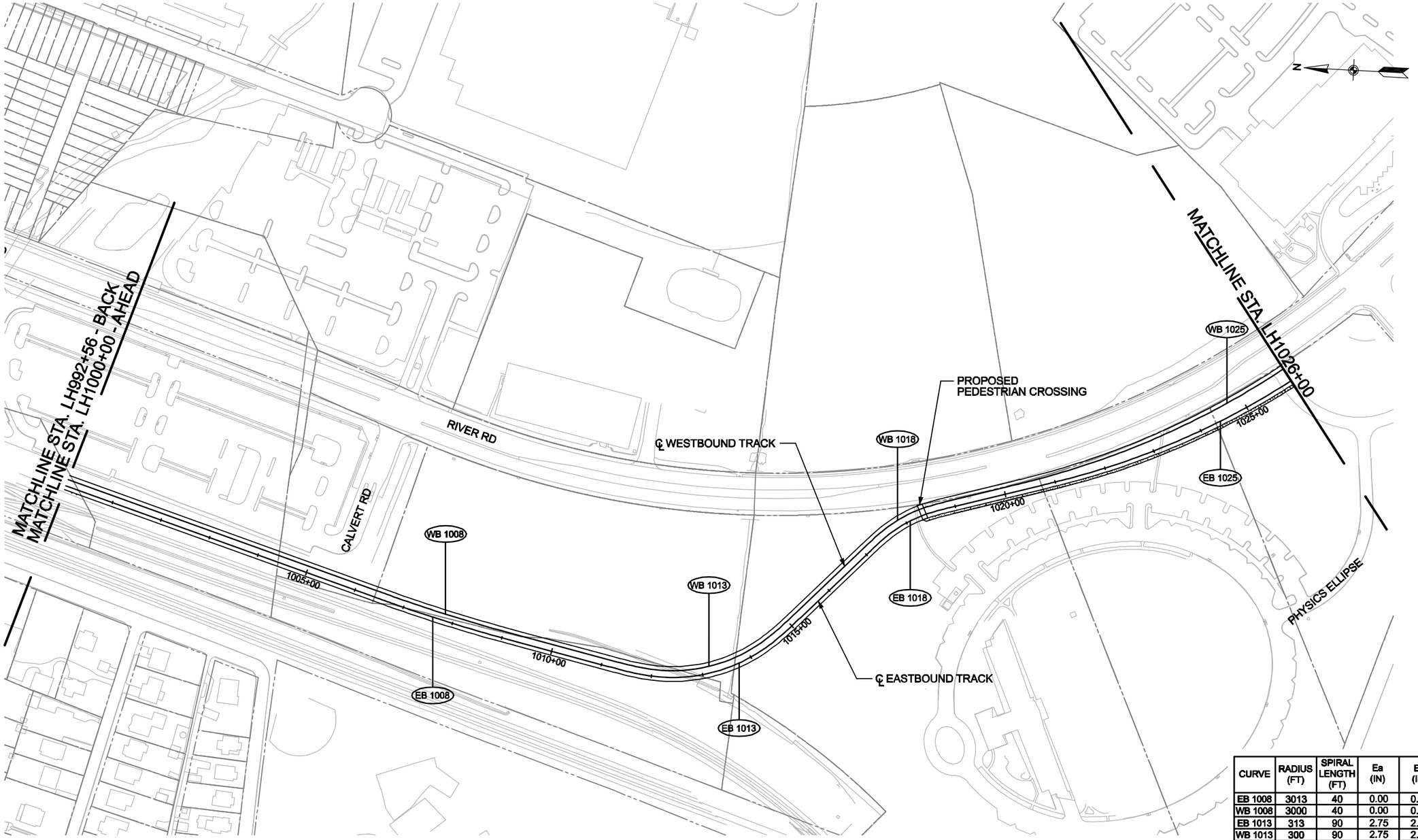
HIGH INVESTMENT LRT - PLAN
STA. LH969+50 TO STA. LH992+56

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-26

SHEET NO. 290 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1008	3013	40	0.00	0.82	25
WB 1008	3000	40	0.00	0.83	25
EB 1013	313	90	2.75	2.30	20
WB 1013	300	90	2.75	2.51	20
EB 1018	250	50	1.50	2.05	15
WB 1018	262.5	50	1.50	1.88	15
EB 1025	1500	55	1.00	1.37	30
WB 1025	1600	55	1.00	1.23	30

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers/architects/planners/construction managers
7025 Ambassador Road Baltimore, MD 21244-2722 (410) 944-5122

JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1000+00 TO STA. LH1026+00

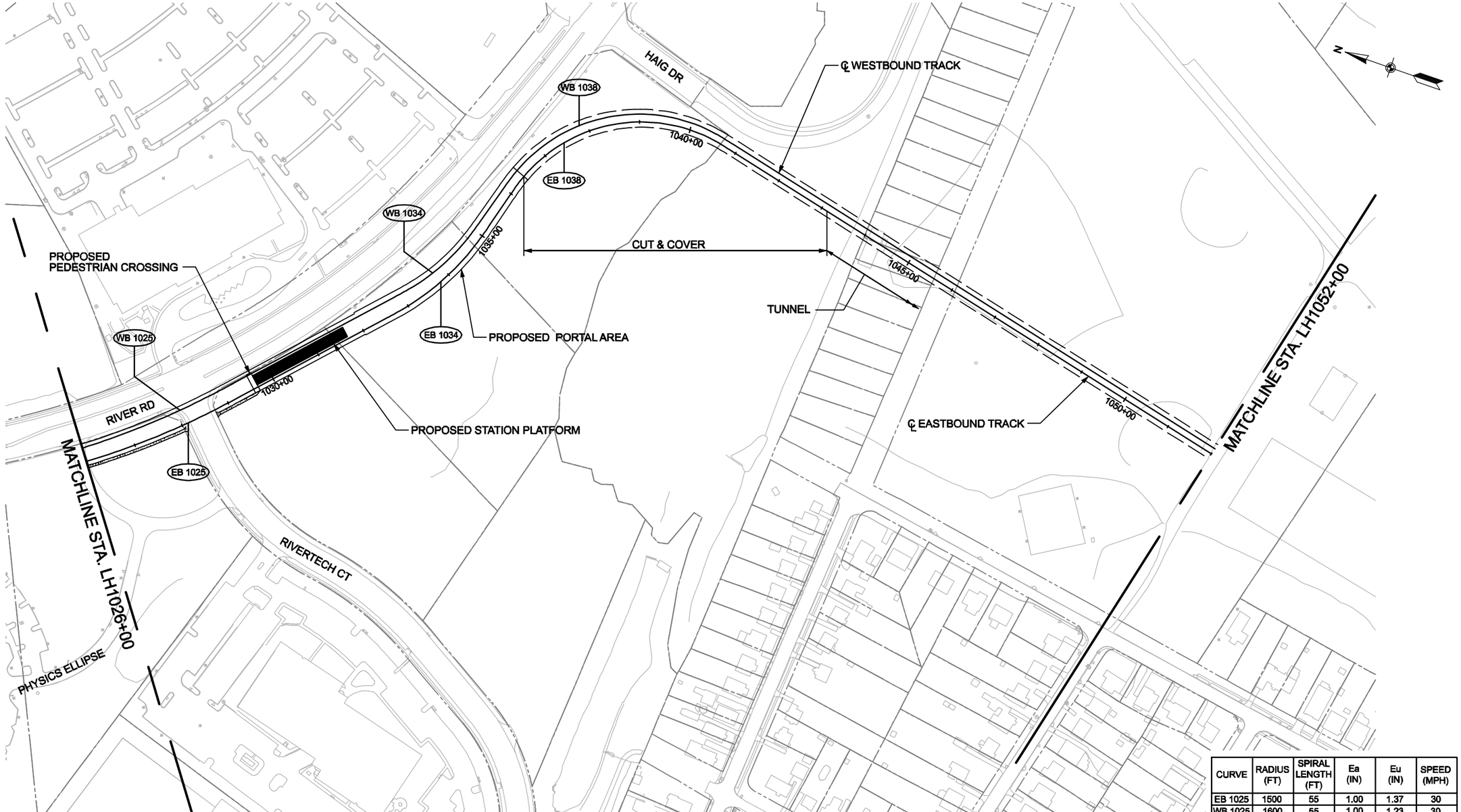
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-27

SHEET NO. 291 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP20_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1025	1500	55	1.00	1.37	30
WB 1025	1600	55	1.00	1.23	30
EB 1034	500	40	0.50	1.28	15
WB 1034	400	40	0.75	1.47	15
EB 1038	300	40	1.25	1.71	15
WB 1038	312.5	40	1.25	1.59	15

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112
JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1026+00 TO STA. LH1052+00

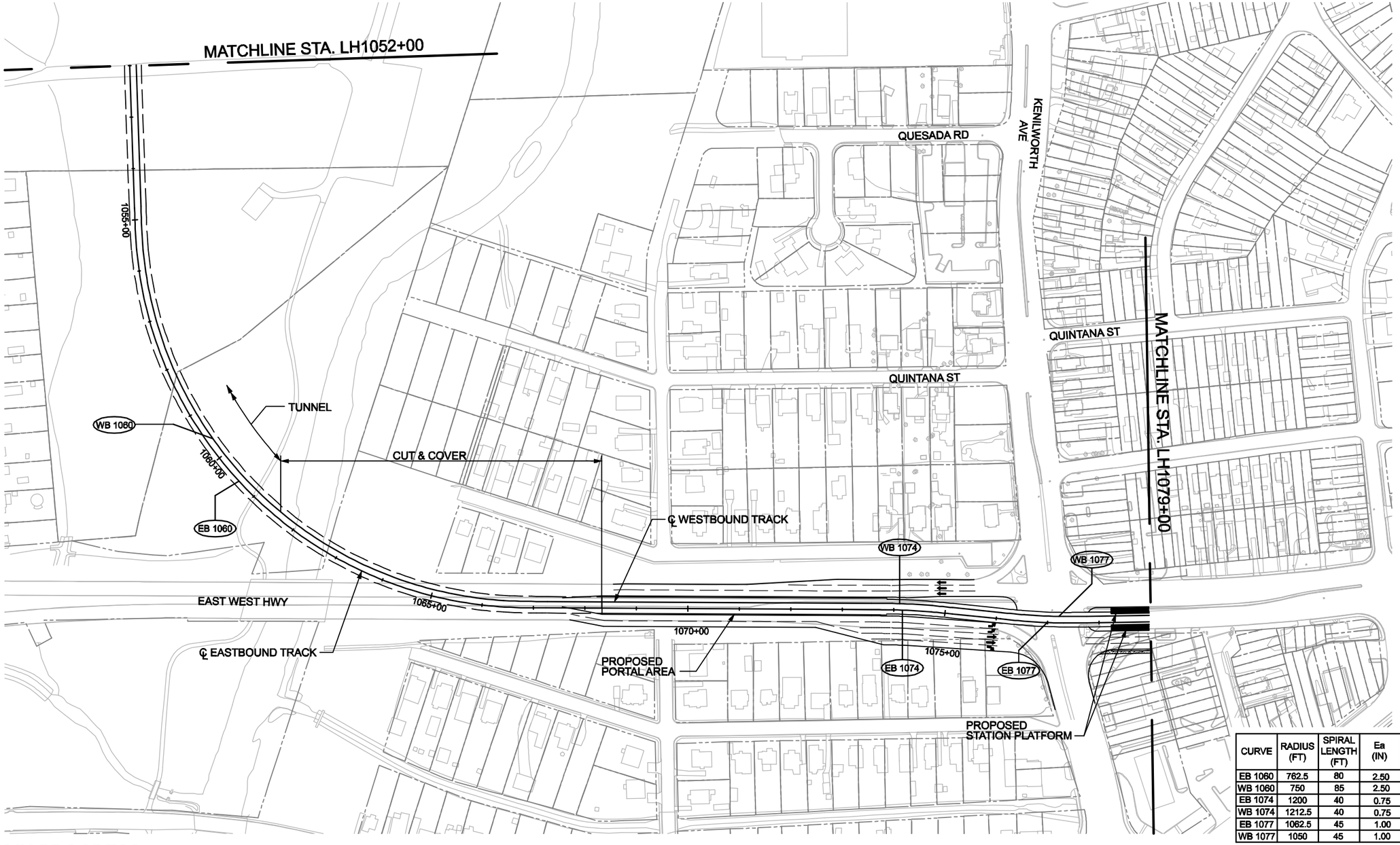
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-28

SHEET NO. 292 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP21_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1060	762.5	80	2.50	2.16	30
WB 1060	750	85	2.50	2.24	30
EB 1074	1200	40	0.75	1.31	25
WB 1074	1212.5	40	0.75	1.29	25
EB 1077	1062.5	45	1.00	1.33	25
WB 1077	1050	45	1.00	1.35	25

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers /architects /planners /construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112
JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1052+00 TO STA. LH1079+00

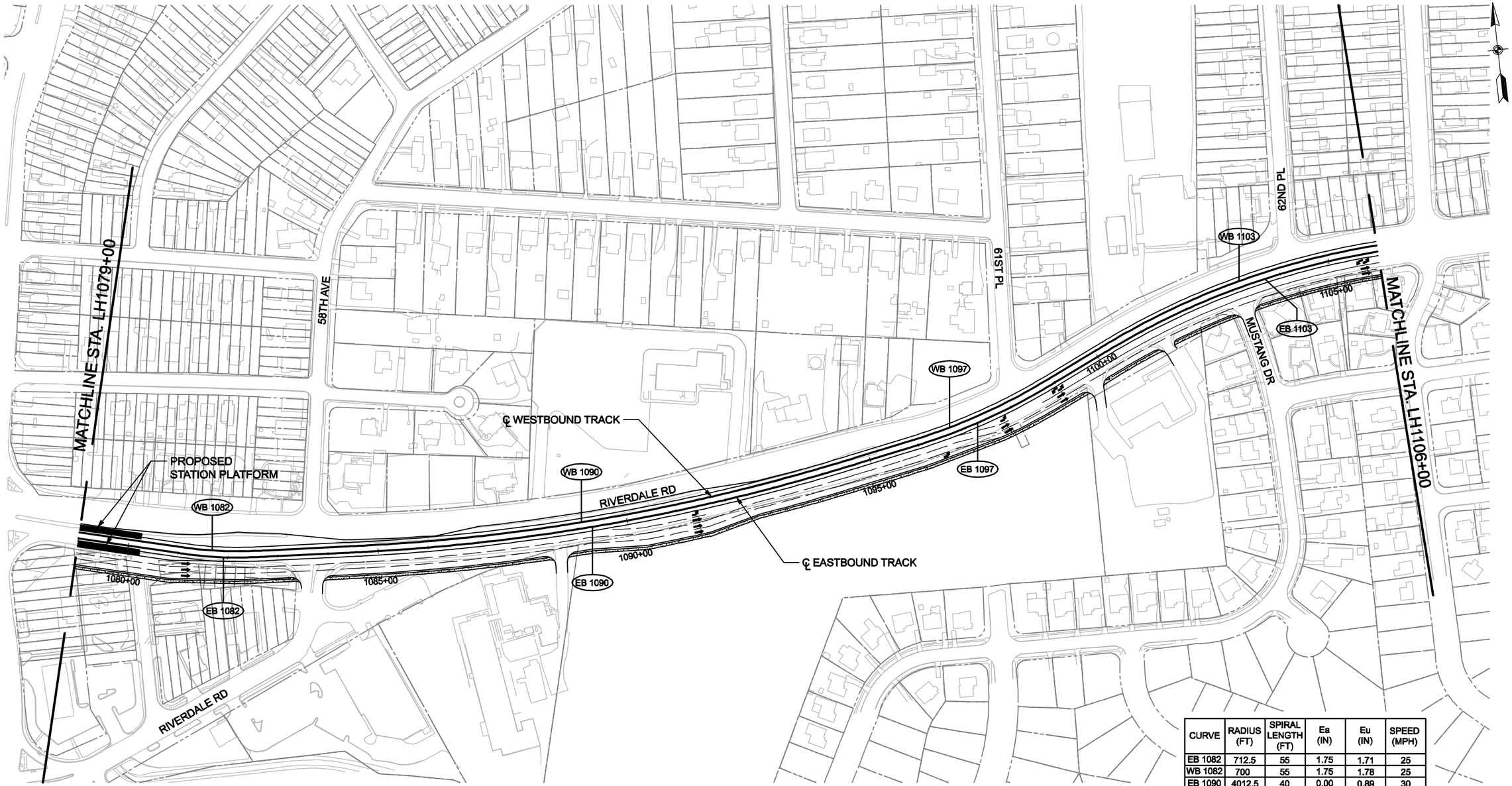
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-29

SHEET NO. 293 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP22_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1082	712.5	55	1.75	1.71	25
WB 1082	700	55	1.75	1.78	25
EB 1090	4012.5	40	0.00	0.89	30
WB 1090	4000	40	0.00	0.89	30
EB 1097	1212.5	65	1.25	1.68	30
WB 1097	1200	65	1.25	1.72	30
EB 1103	1500	55	1.00	1.37	30
WB 1103	1512.5	55	1.00	1.35	30

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers / architects / planners / construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112
JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1079+00 TO STA. LH1106+00

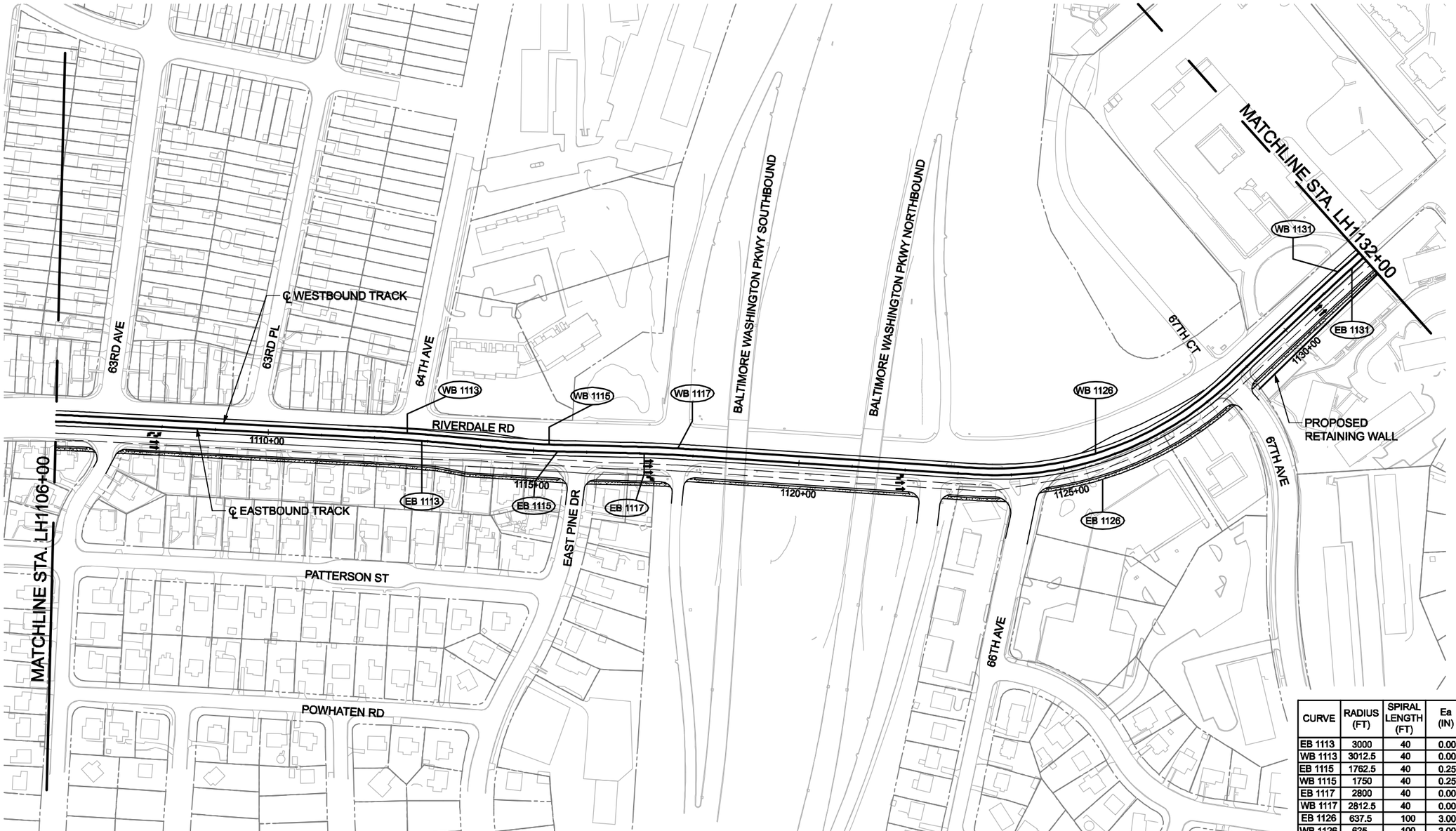
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-30

SHEET NO. 294 OF 334

PLOTTED: 9/9/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP23_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1113	3000	40	0.00	0.83	25
WB 1113	3012.5	40	0.00	0.82	25
EB 1115	1762.5	40	0.25	1.15	25
WB 1115	1750	40	0.25	1.16	25
EB 1117	2800	40	0.00	0.89	25
WB 1117	2812.5	40	0.00	0.88	25
EB 1126	637.5	100	3.00	2.58	30
WB 1126	625	100	3.00	2.69	30
EB 1131	4000	40	0.00	0.89	30
WB 1131	4012.5	40	0.00	0.89	30

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers / architects / planners / construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1106+00 TO STA. LH1132+00

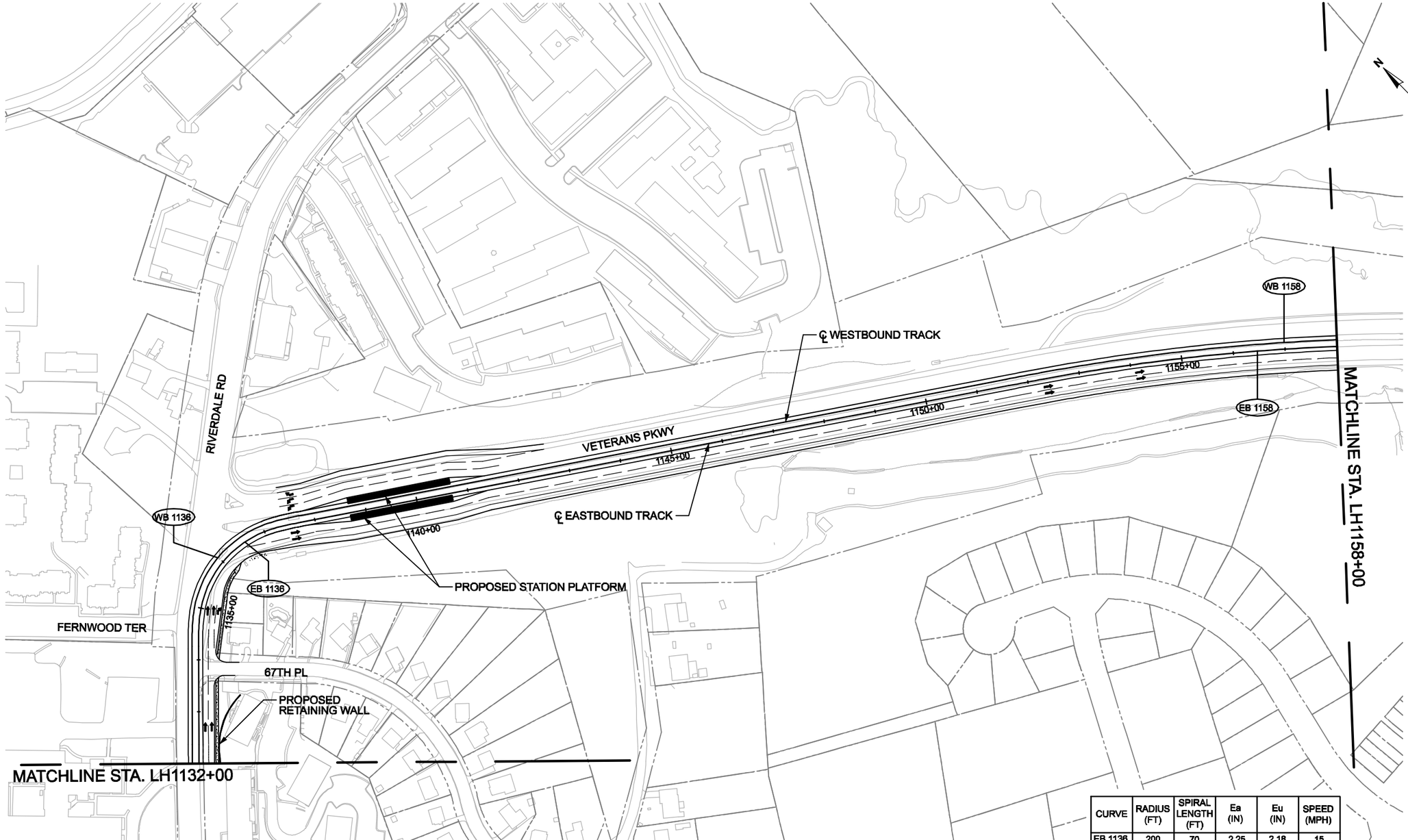
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-31

SHEET NO. 295 OF 334

PLOTTED: 9/9/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP24_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1136	200	70	2.25	2.18	15
WB 1136	212.5	70	2.25	1.92	15
EB 1158	4000	60	0.75	1.26	45
WB 1158	4013	60	0.75	1.25	45

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers / architects / planners / construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-5112

JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1132+00 TO STA. LH1158+00

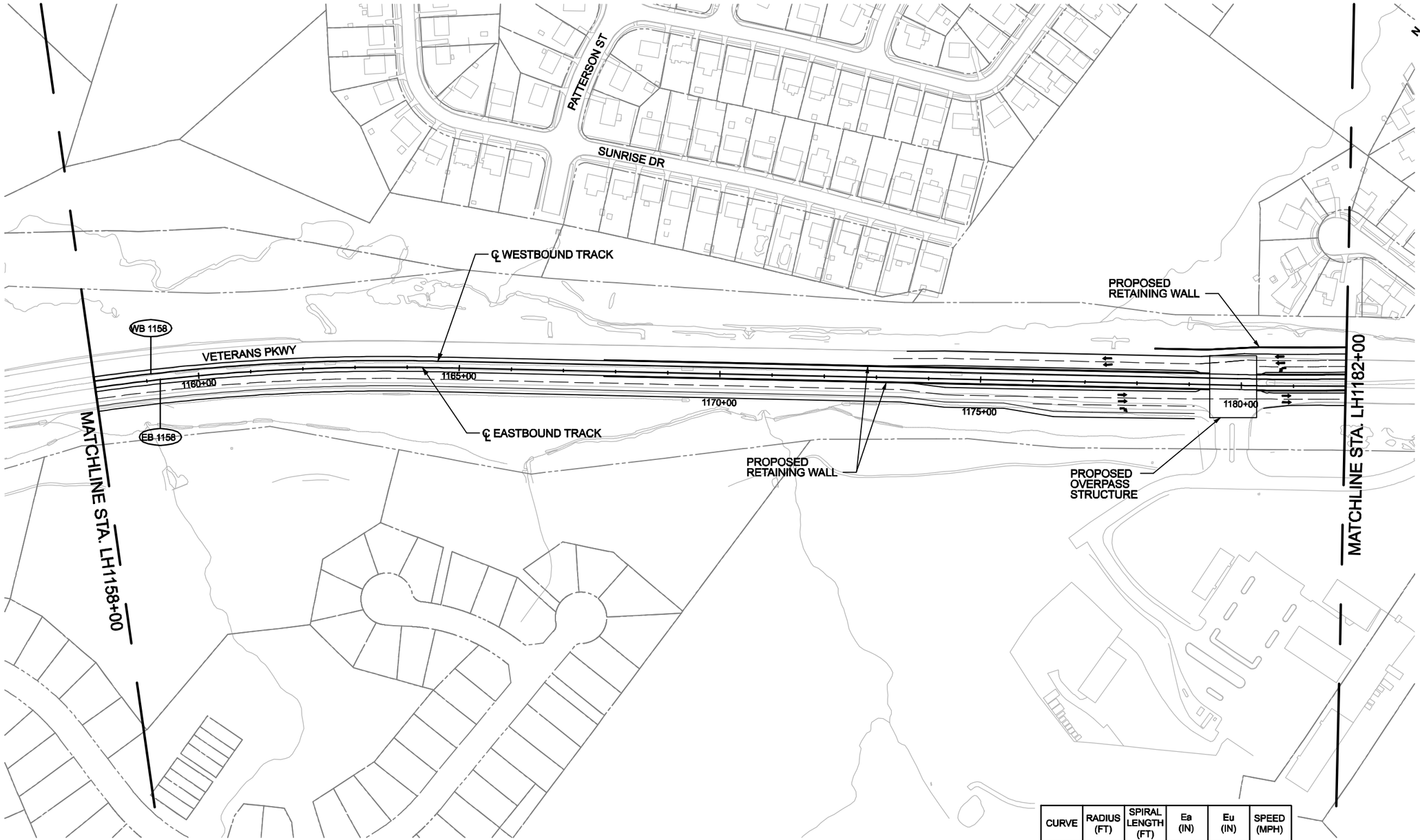
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-32

SHEET NO. 296 OF 334

PLOTTED: 9/9/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP25_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1158	4000	70	0.75	1.26	45
WB 1158	4013	70	0.75	1.25	45

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
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7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9822

JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1158+00 TO STA. LH1182+00

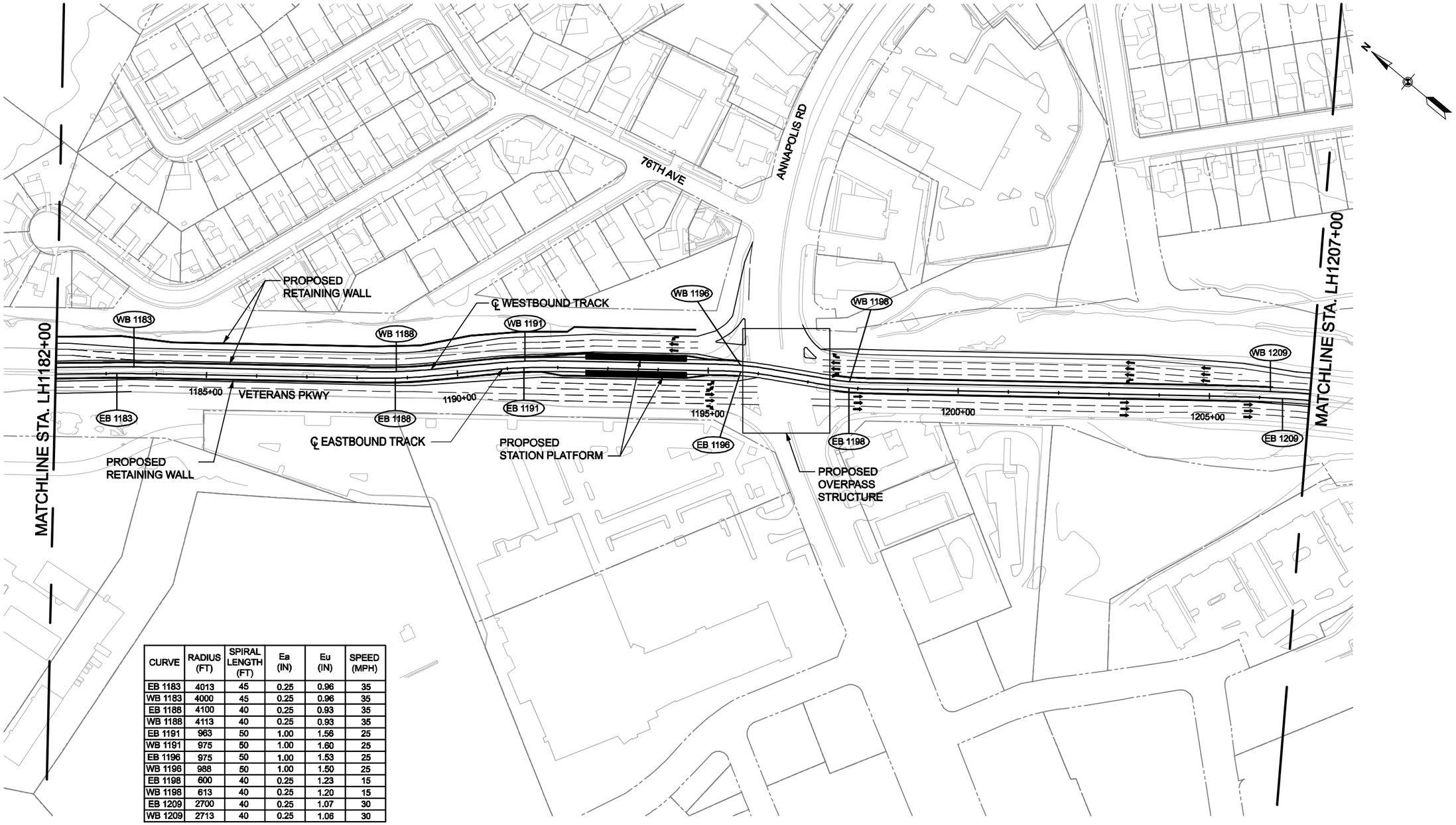
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-33

SHEET NO. 297 OF 334

PLOTTED: 9/9/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP26_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1183	4013	45	0.25	0.96	35
WB 1183	4000	45	0.25	0.96	35
EB 1188	4100	40	0.25	0.93	35
WB 1188	4113	40	0.25	0.93	35
EB 1191	963	50	1.00	1.56	25
WB 1191	975	50	1.00	1.60	25
EB 1196	975	50	1.00	1.53	25
WB 1196	988	50	1.00	1.50	25
EB 1198	600	40	0.25	1.23	15
WB 1198	613	40	0.25	1.20	15
EB 1209	2700	40	0.25	1.07	30
WB 1209	2713	40	0.25	1.06	30

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1182+00 TO STA. LH1207+00

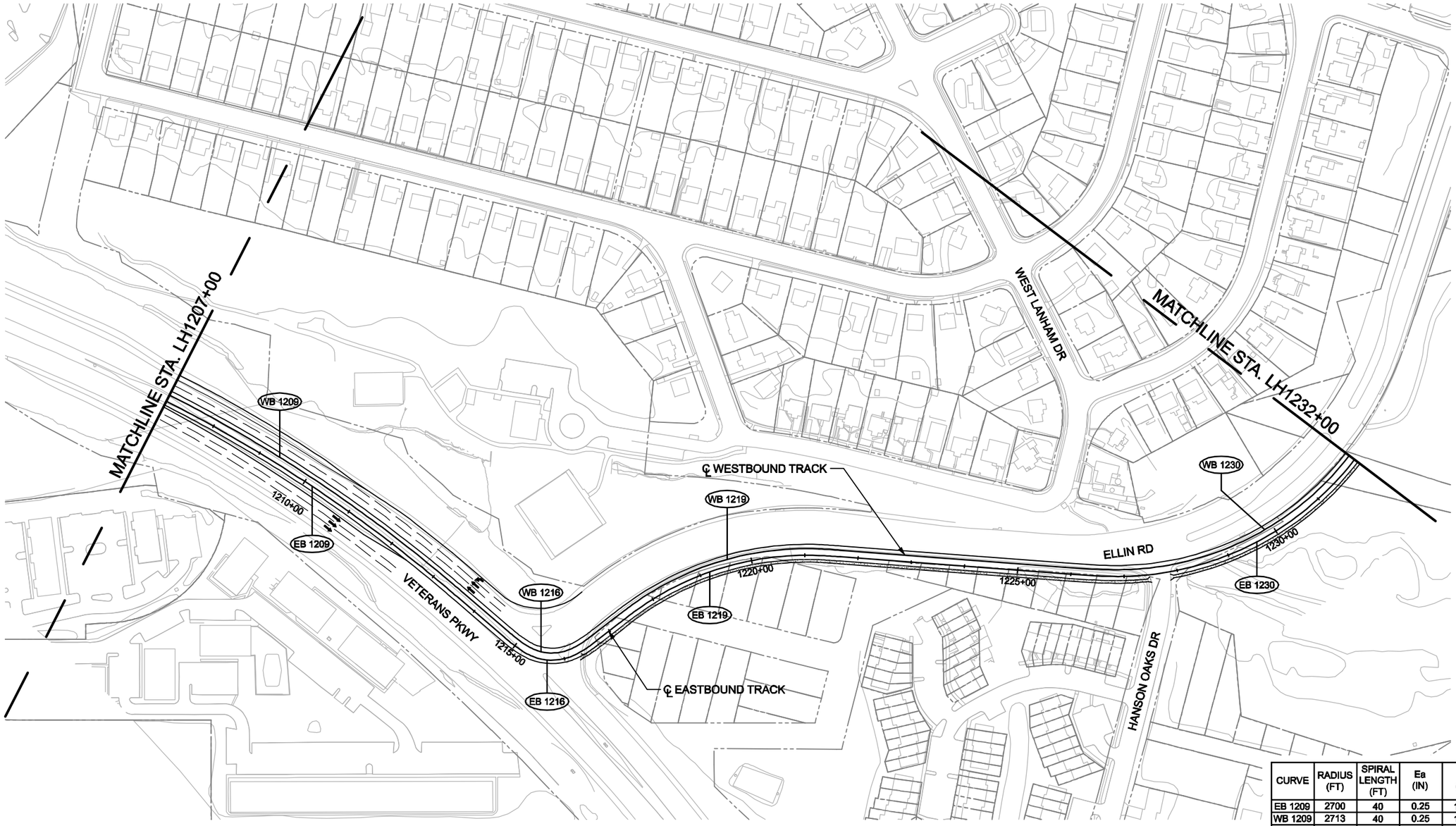
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-34

SHEET NO. 298 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP27_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Es (IN)	Eu (IN)	SPEED (MPH)
EB 1209	2700	40	0.25	1.07	30
WB 1209	2713	40	0.25	1.06	30
EB 1215	98	65	2.00	2.01	10
WB 1215	85	65	2.00	2.62	10
EB 1219	550	40	0.25	1.36	15
WB 1219	562.5	40	0.25	1.33	15
EB 1230	562.5	110	3.50	2.82	30
WB 1230	550	110	3.50	2.96	30

DRAFT WORK-IN-PROGRESS

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MTA Maryland

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7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1207+00 TO STA. LH1232+00

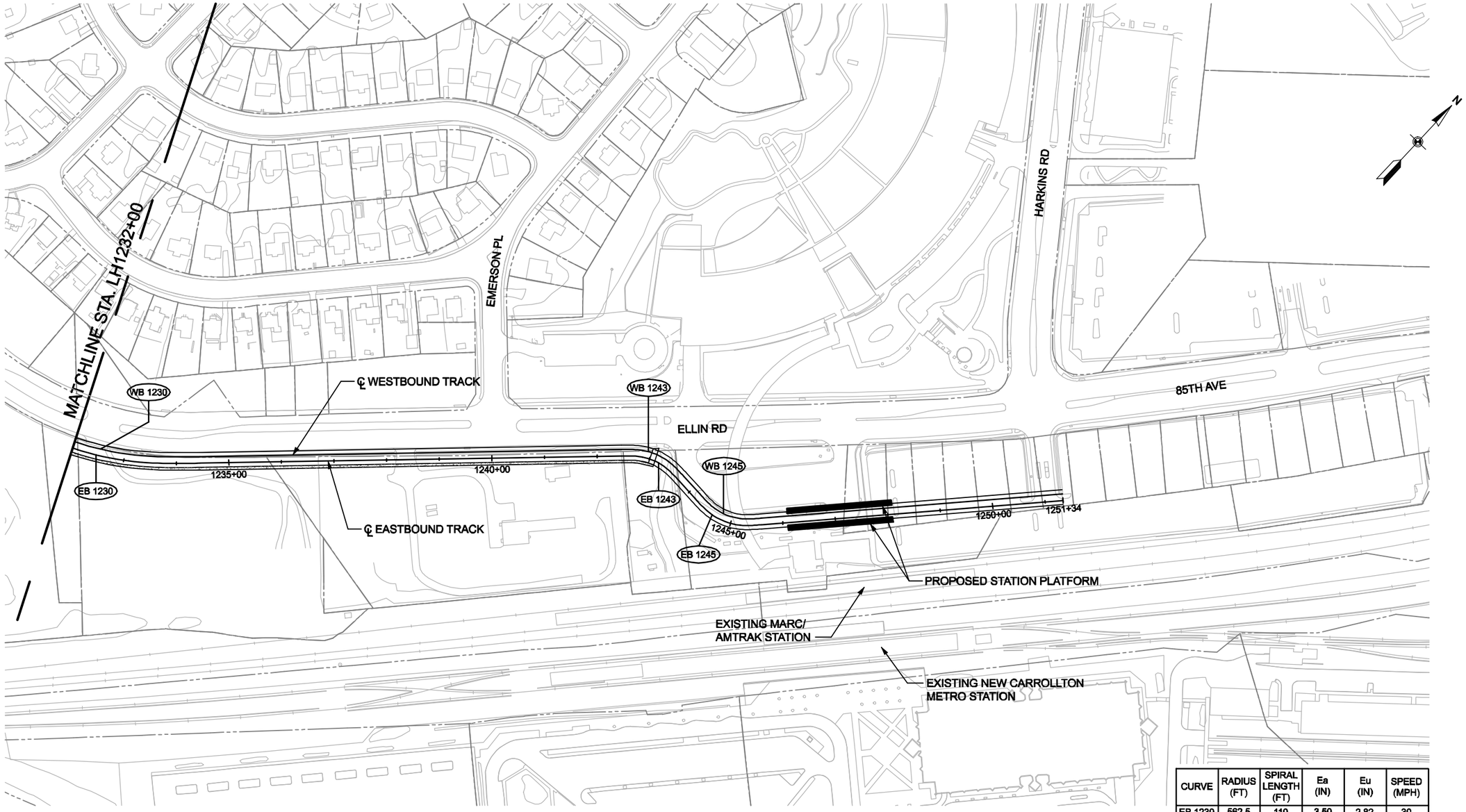
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-35

SHEET NO. 299 OF 334

PLOTTED: 9/9/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP28_LRTH.DGN



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1230	562.5	110	3.50	2.82	30
WB 1230	550	110	3.50	2.96	30
EB 1243	100	40	0.00	0.98	5
WB 1243	112.5	40	0.00	0.87	5
EB 1245	112.5	40	0.00	0.87	5
WB 1245	100	40	0.00	0.98	5

DRAFT WORK-IN-PROGRESS

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engineers /architects /planners /construction managers
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JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

HIGH INVESTMENT LRT - PLAN
STA. LH1232+00 TO STA. LH1251+34

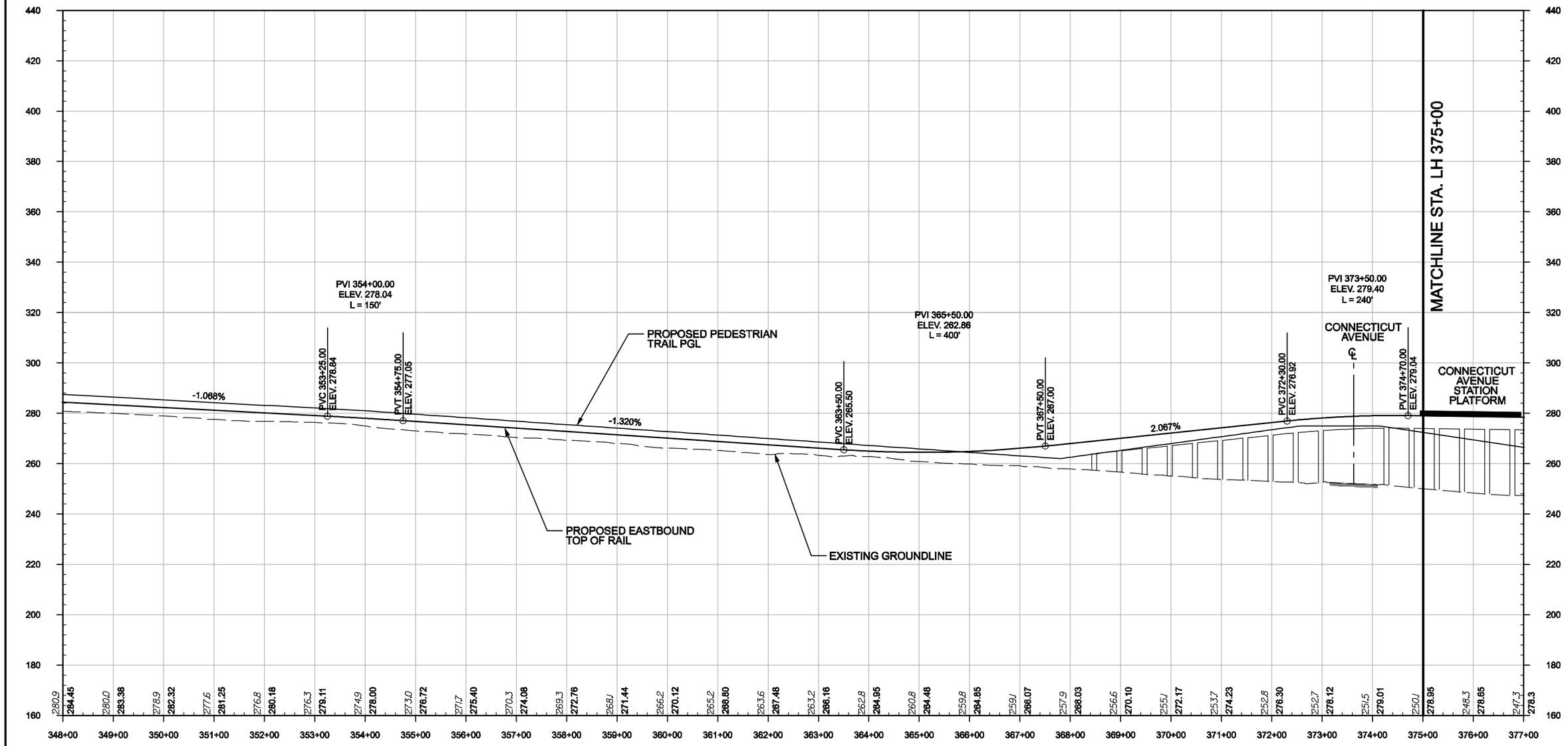
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-36

SHEET NO. 300 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PP29_LRTH.DGN



DRAFT WORK-IN-PROGRESS

The Purple Line Transit Study information shown shall be used for general planning/information only. The locations of the proposed transit facilities and/or proposed roadway reconstruction/relocation are approximate and subject to change during subsequent stages of project development.

MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineering consultants / planners / construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9812

JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

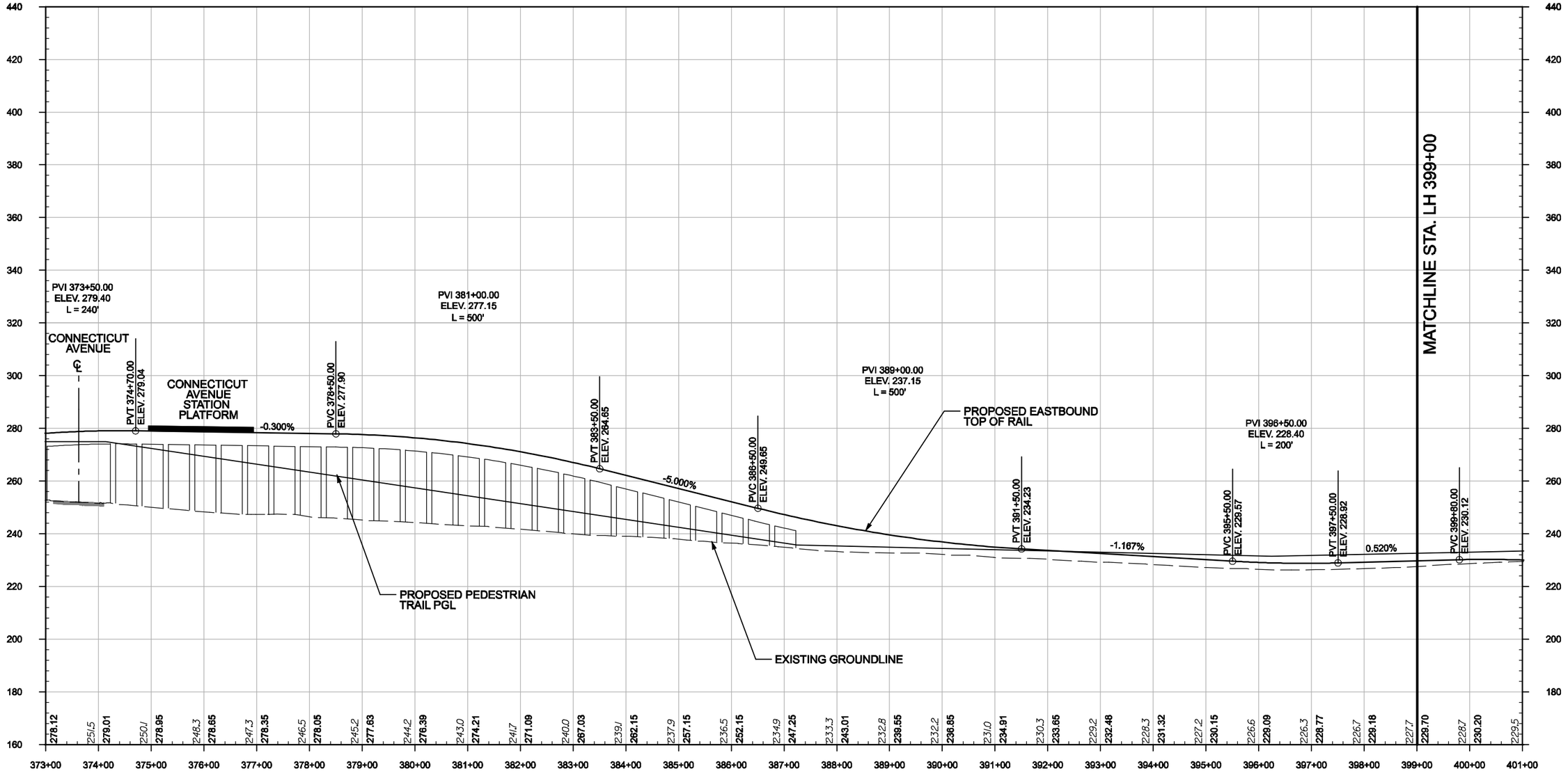
HIGH INVESTMENT LRT - PROFILE
STA. LH350+00 TO STA. LH375+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-39

SHEET NO. 303 OF 334



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244 2722 (410) 944 9112

JE JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

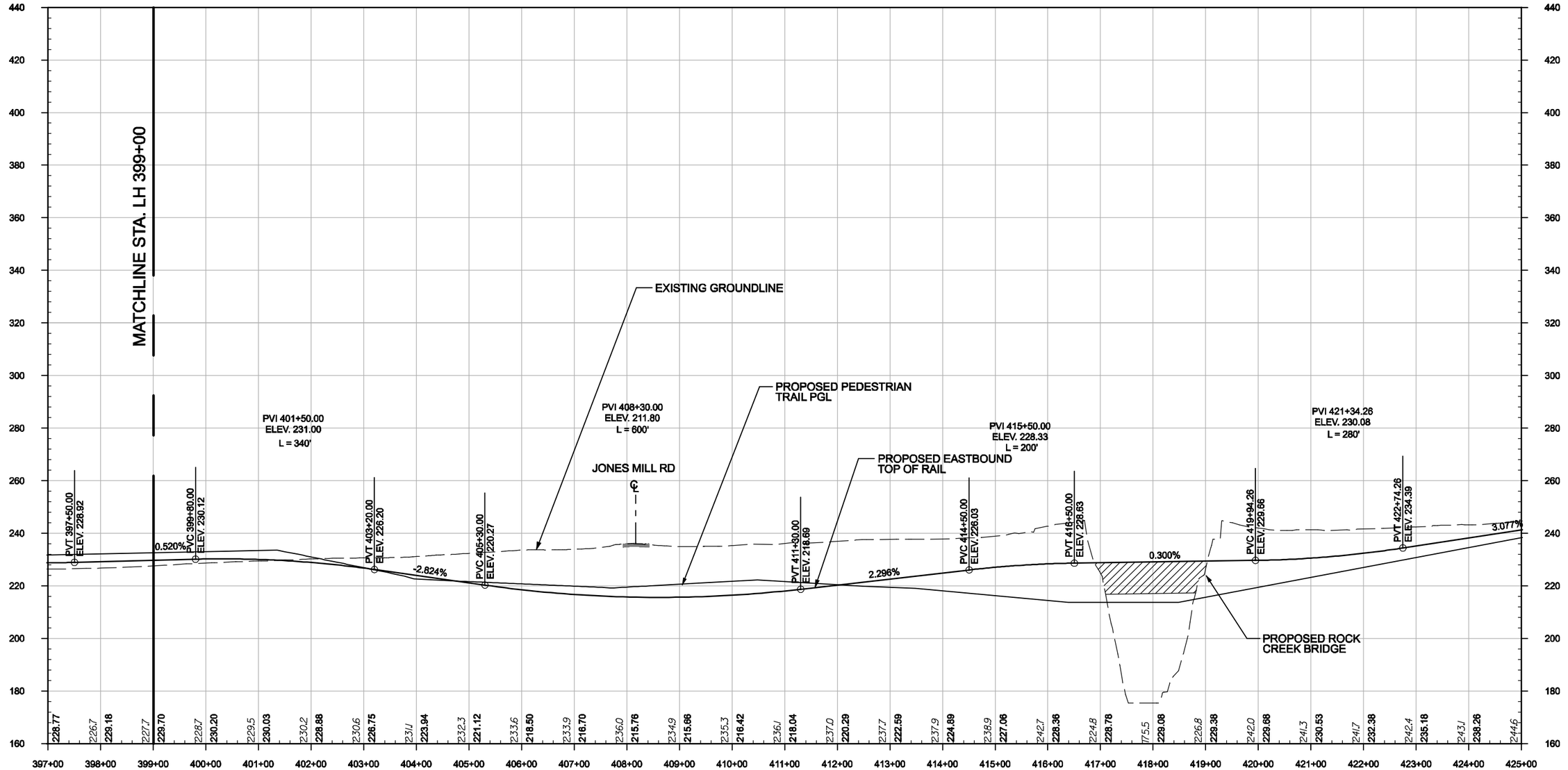
HIGH INVESTMENT LRT - PROFILE
STA. LH375+00 TO STA. LH399+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-40

SHEET NO. 304 OF 334



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244 2722 (410) 944 9112

JE JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

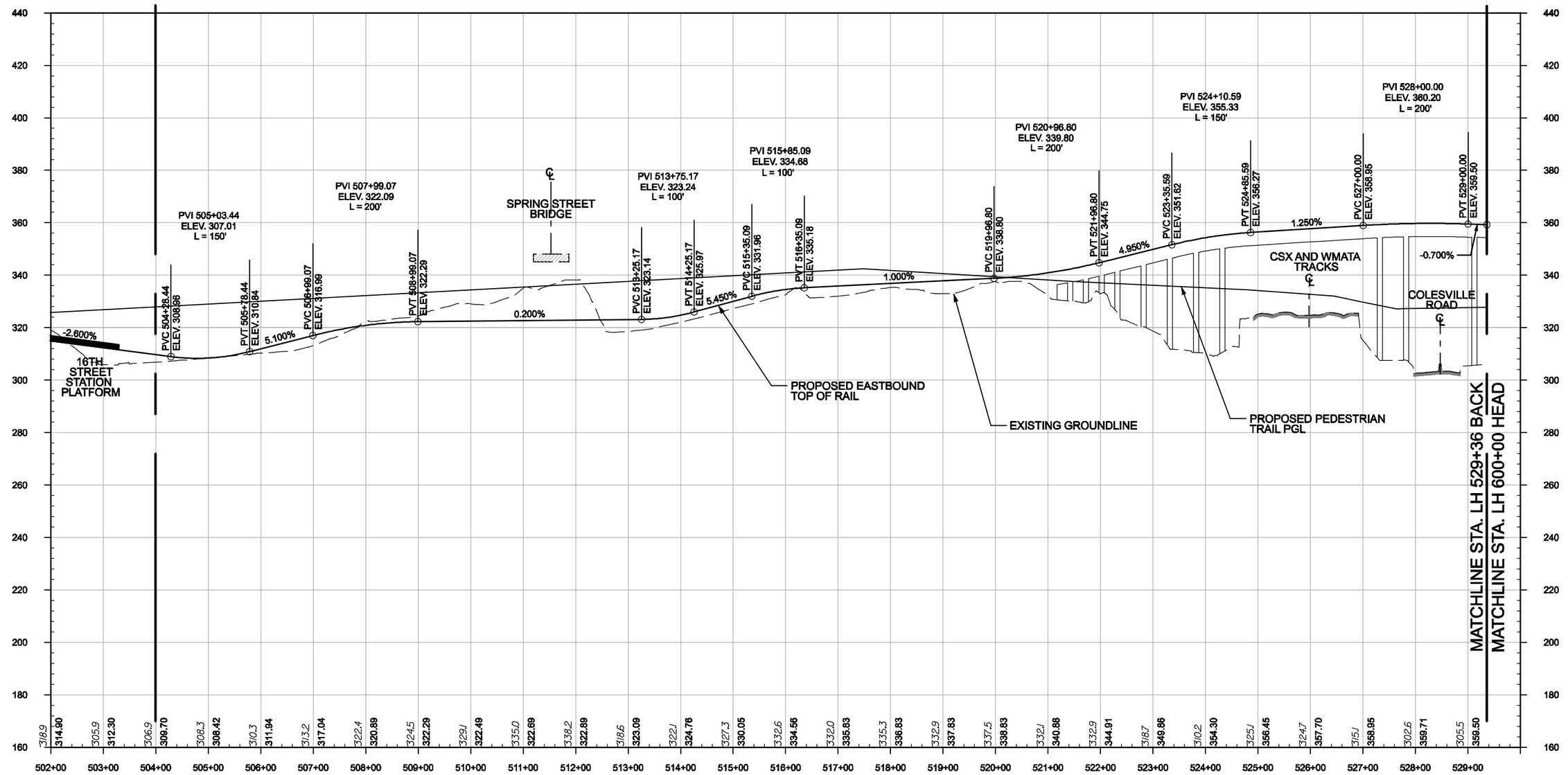
HIGH INVESTMENT LRT - PROFILE
STA. LH399+00 TO STA. LH423+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-41

SHEET NO. 305 OF 334



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers /architects /planners /construction managers
7125 Ambassador Road Baltimore, MD 21244 2722 (410) 944 9102

JE JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

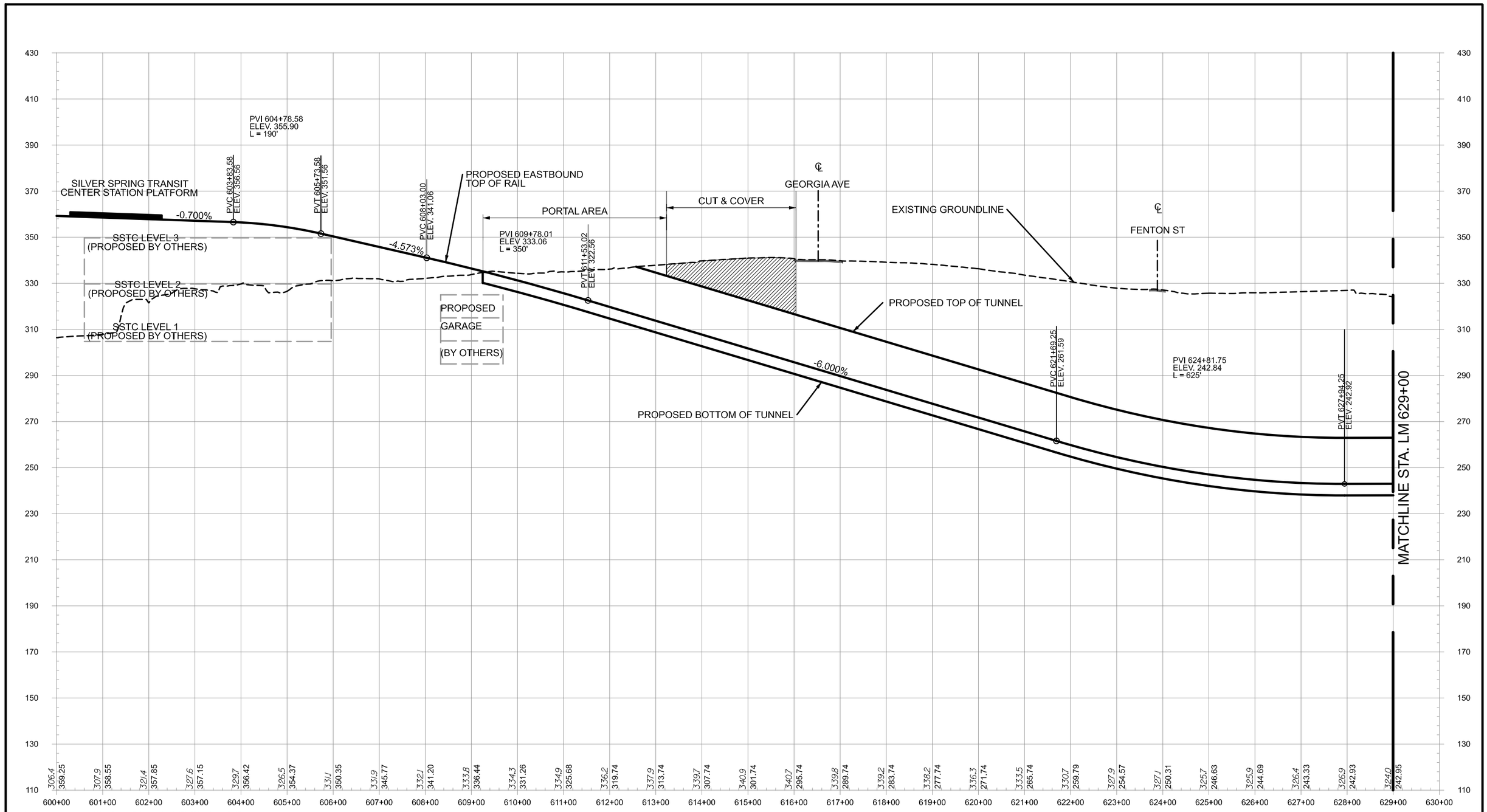
HIGH INVESTMENT LRT - PROFILE
STA. LH504+00 TO STA. LH529+36

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-42

SHEET NO. 306 OF 334



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0' 100' 200'
HORIZONTAL SCALE: 1"=200'
20' 0' 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH600+00 TO STA. LH629+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-43

SHEET NO.
307 OF 334

9/10/2008
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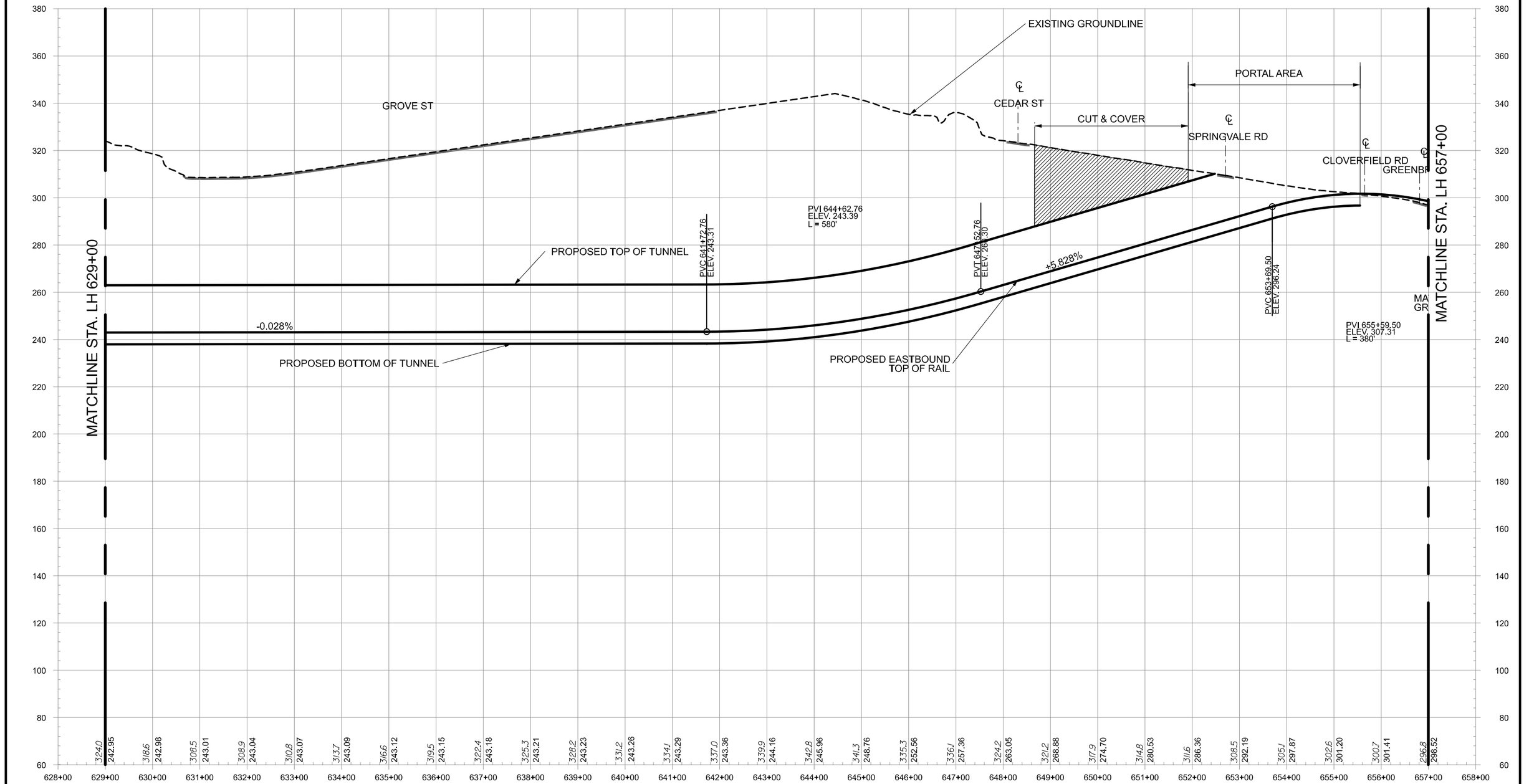

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

PB RK&K
A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0' 100' 200'
HORIZONTAL SCALE: 1"=200'
20' 0' 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH629+00 TO STA. LH657+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.
DRAWING NO. LH-44
SHEET NO. 308 OF 334

9/10/2008
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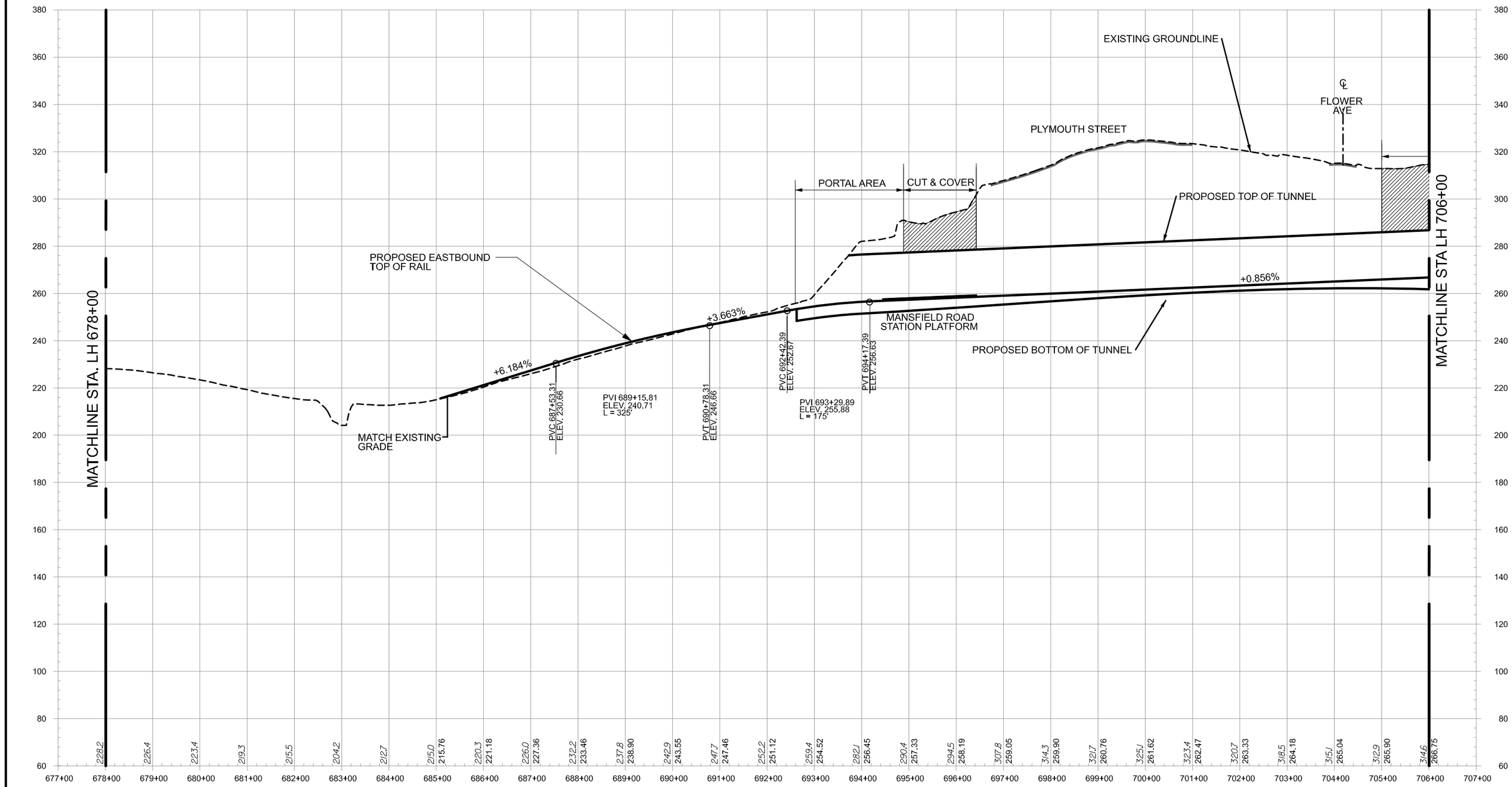

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0' 100' 200'
HORIZONTAL SCALE: 1"=200'
20' 0' 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH678+00 TO STA. LH706+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-45

SHEET NO.
309 OF 334

9/10/2008
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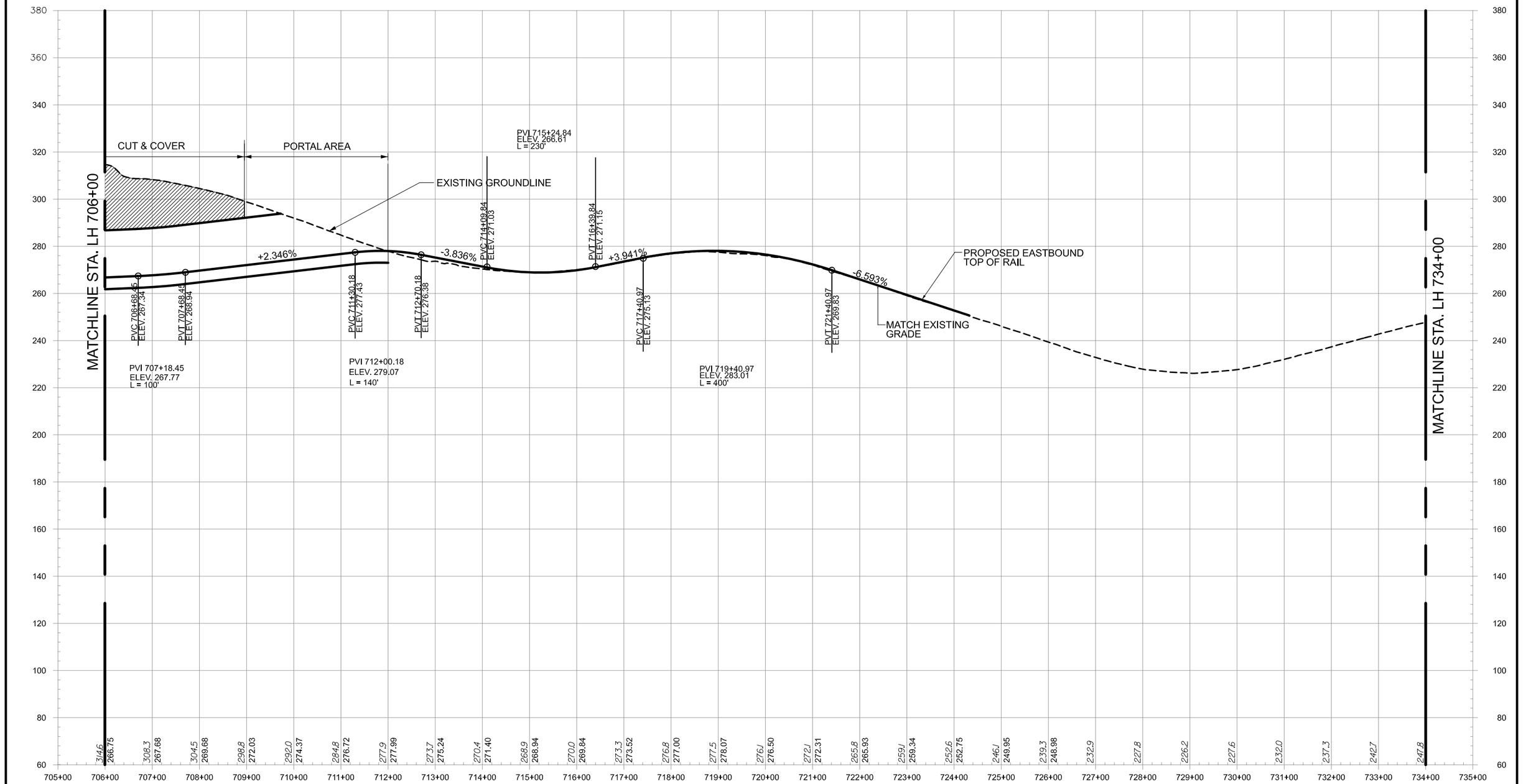

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0' 100' 200'
HORIZONTAL SCALE: 1"=200'
20' 0' 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH706+00 TO STA. LH734+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.
DRAWING NO. LH-46
SHEET NO. 310 OF 334

9/10/2008
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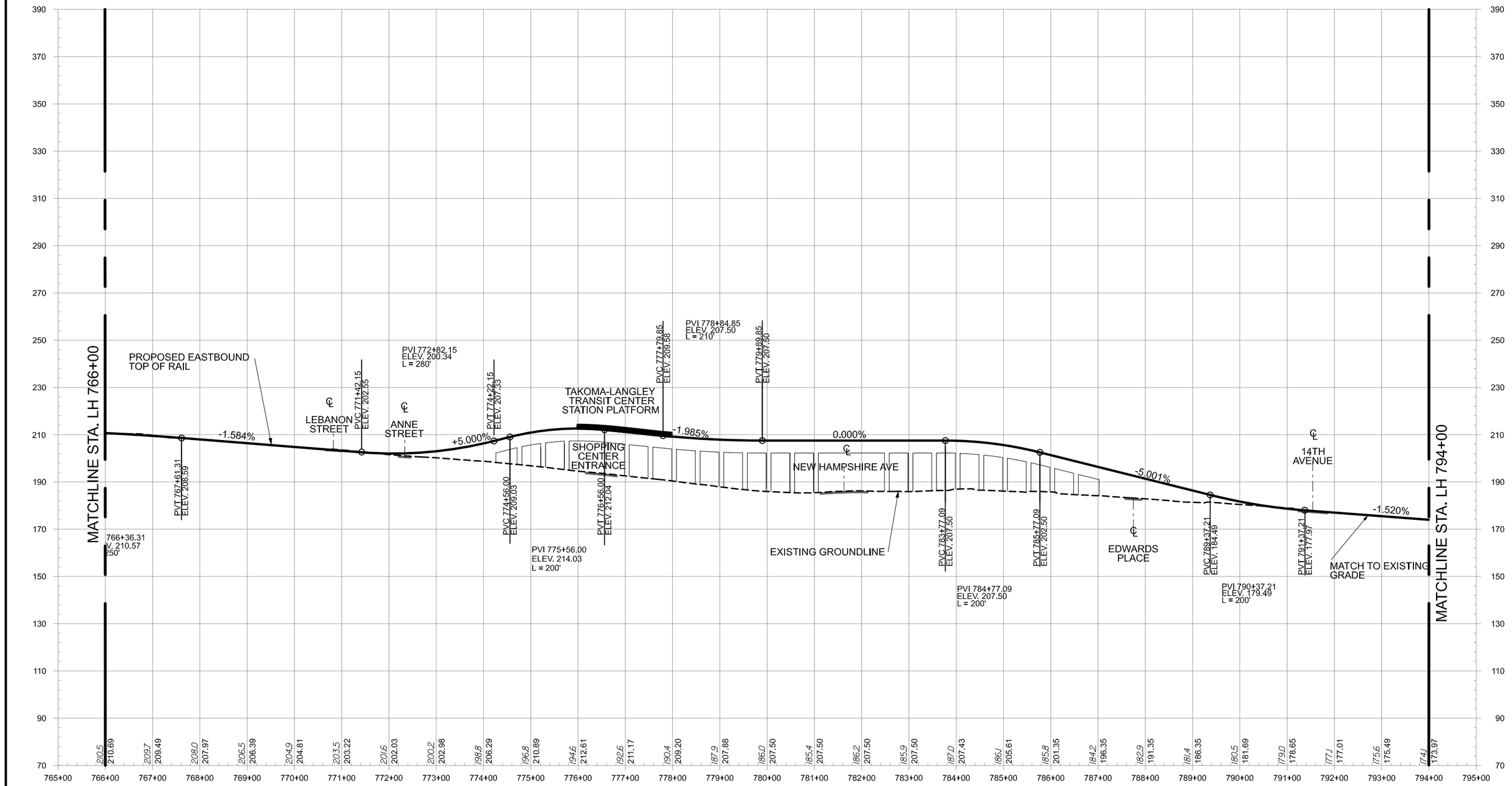

DRAFT WORK-IN-PROGRESS

The Purple Line Transit Study information shown shall be used for general planning/information only. The locations of the proposed transit facilities and/or proposed roadway reconstruction/relocation are approximate and subject to change during subsequent stages of project development.

MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0' 100' 200'
HORIZONTAL SCALE: 1"=200'
20' 0' 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH766+00 TO STA. LH794+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-47

SHEET NO.
311 OF 334

9/10/2008
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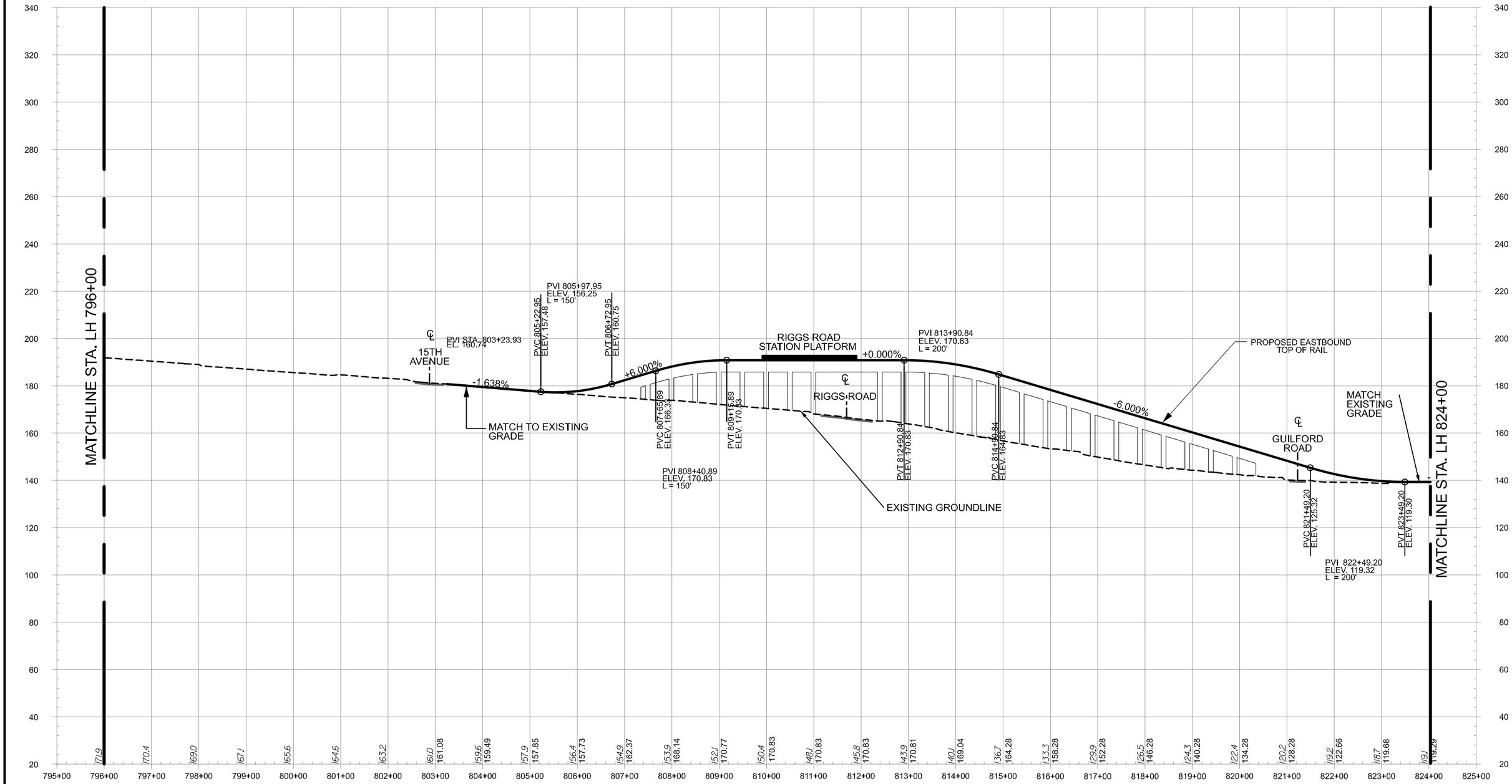

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0' 100' 200'
HORIZONTAL SCALE: 1"=200'
20' 0' 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH796+00 TO STA. LH824+00

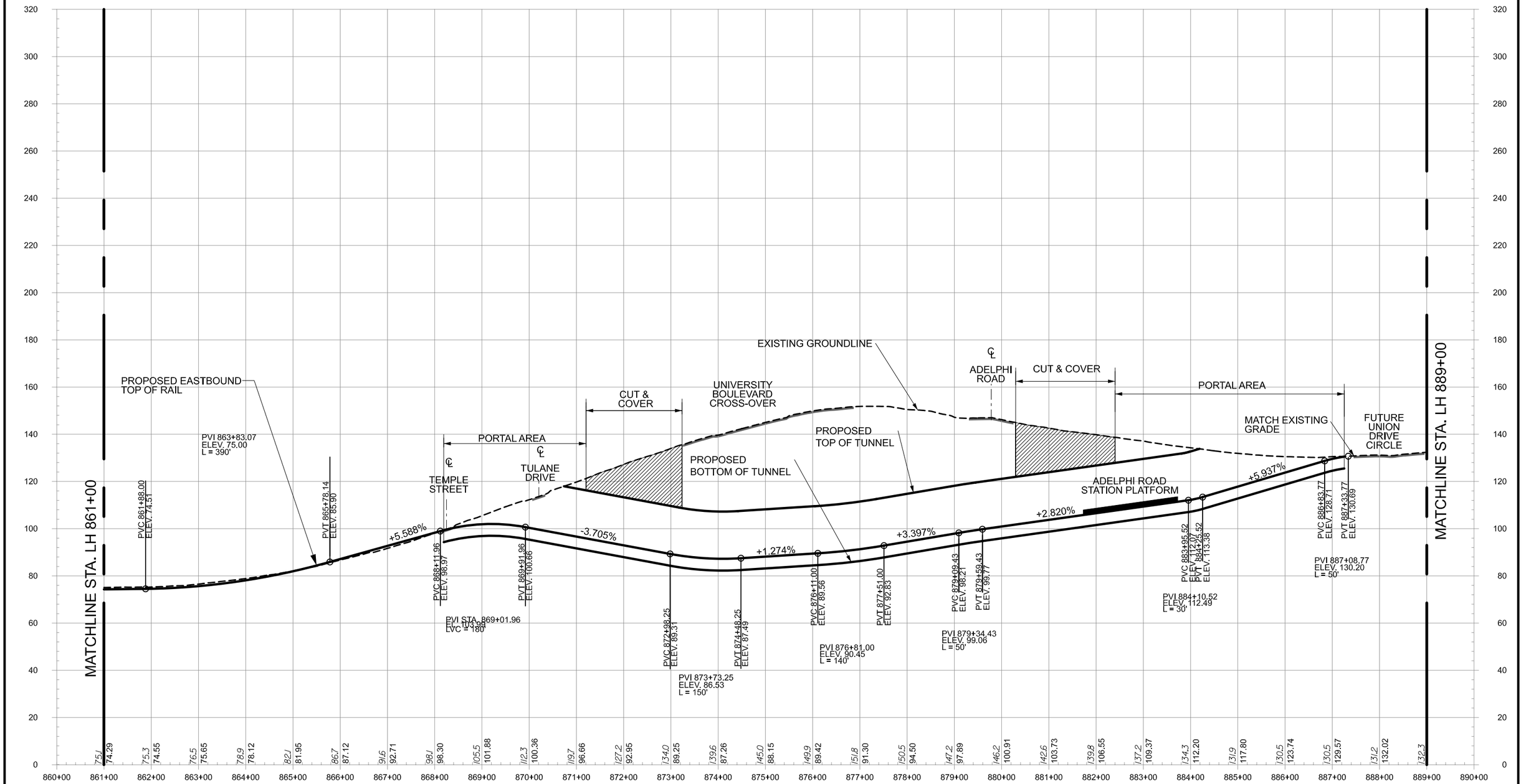
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-48

SHEET NO.
312 OF 334

9/10/2008
m:\projects\2006\06036_bct\CADD\Plans\DEIS\LRT High\DEIS-LRT-HIGH-PR-06.dgn



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH861+00 TO STA. LH889+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-49

SHEET NO. 313 OF 334

9/10/2008
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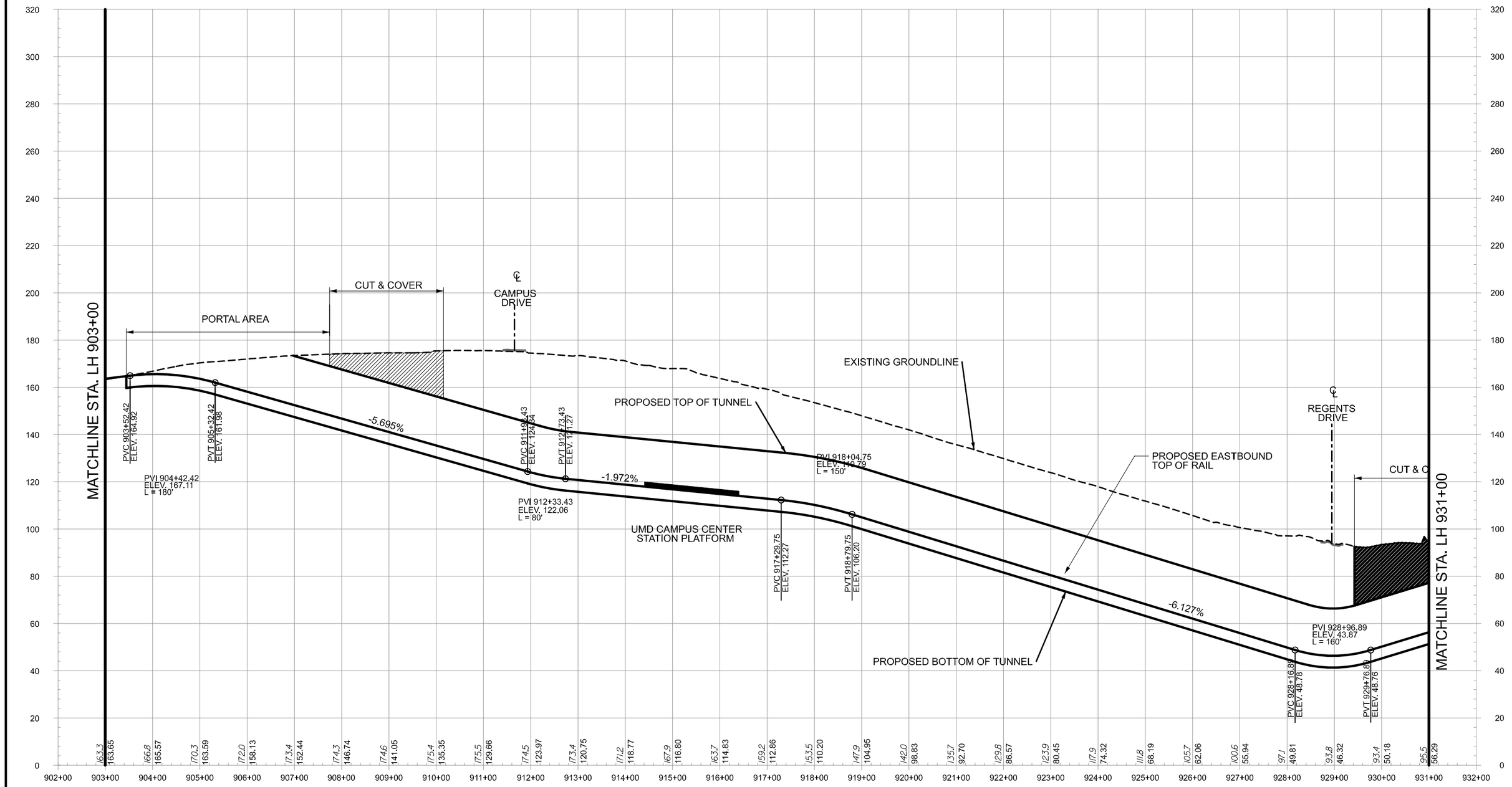

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH903+00 TO STA. LH931+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-50

SHEET NO. 314 OF 334

9/10/2008
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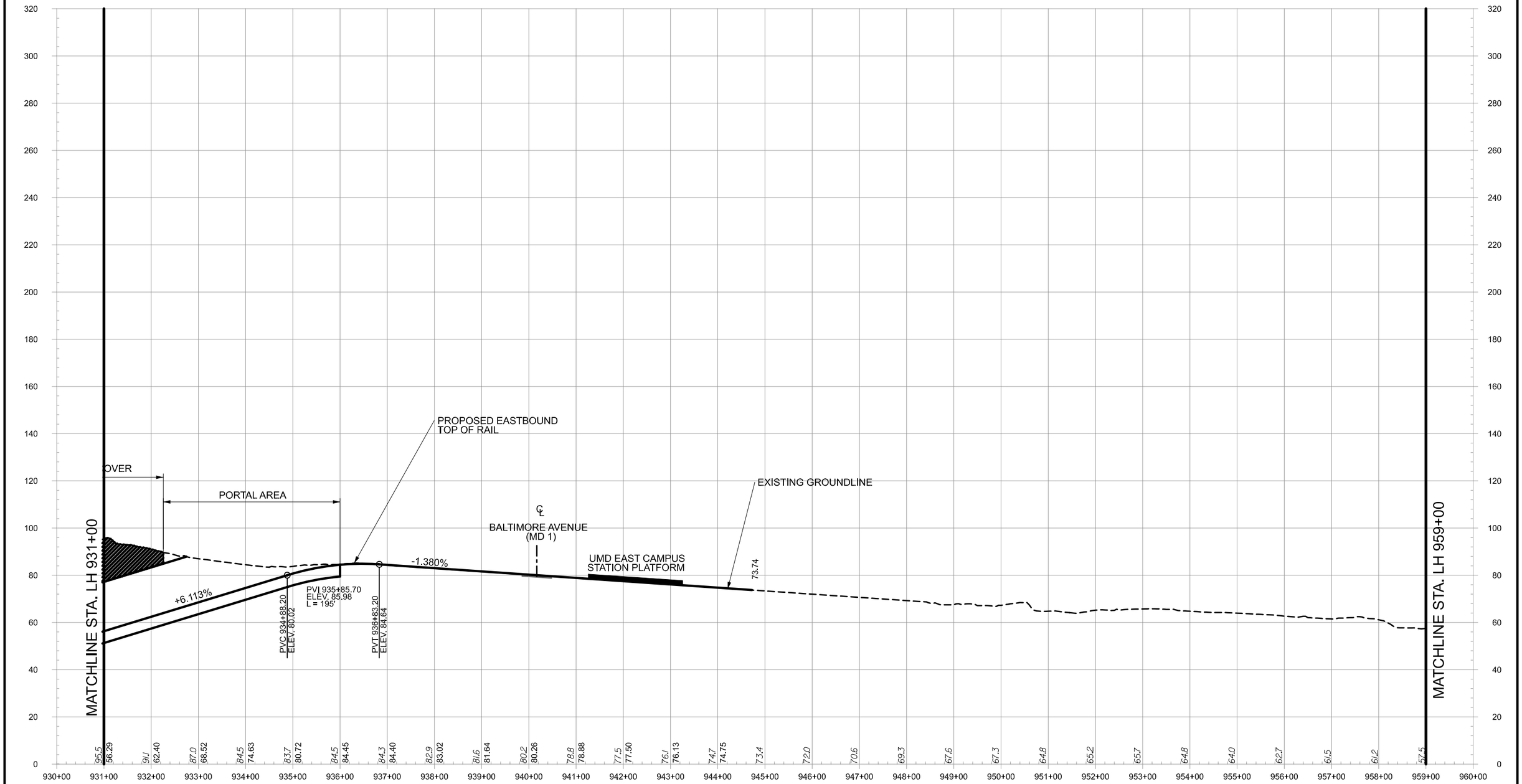

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0' 100' 200'
HORIZONTAL SCALE: 1"=200'
20' 0' 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH931+00 TO STA. LH959+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-51

SHEET NO.
315 OF 334

9/10/2008
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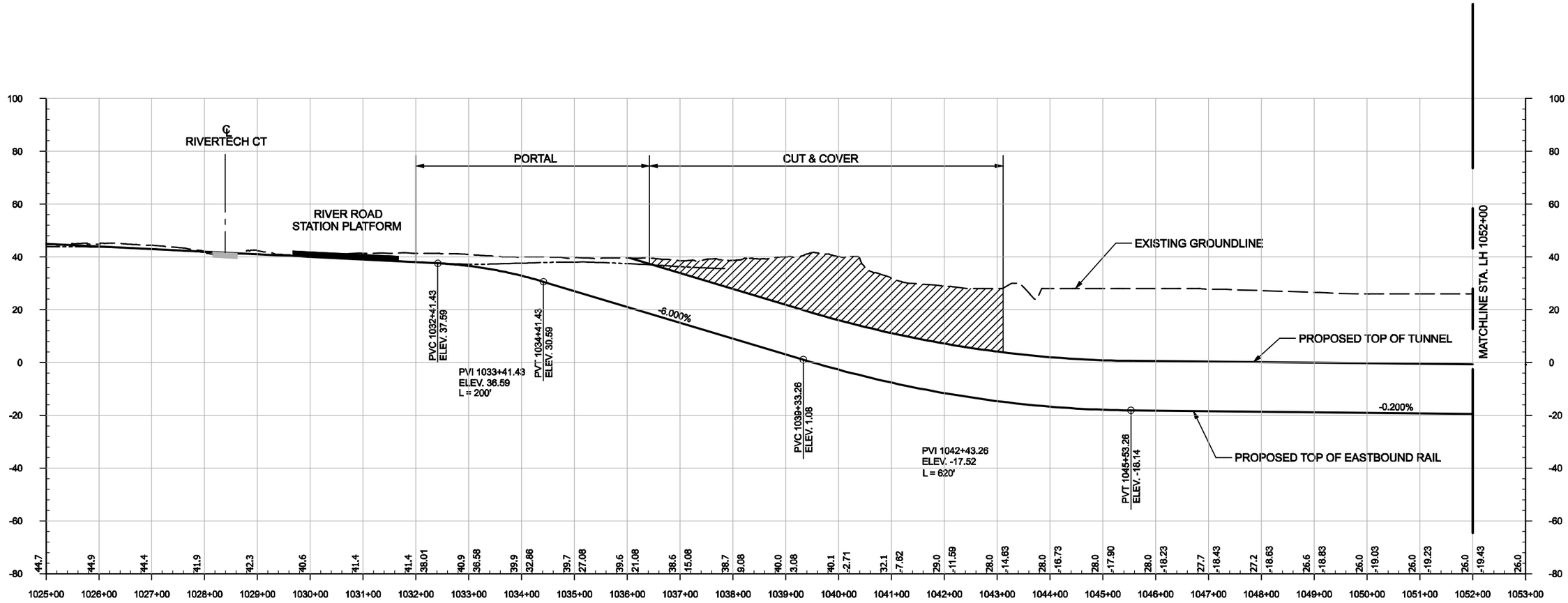

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers /architects /planners /construction managers
7125 Ambassador Road Baltimore, MD 21244 2722 (410) 944 9102
JE JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH1026+00 TO STA. LH1052+00

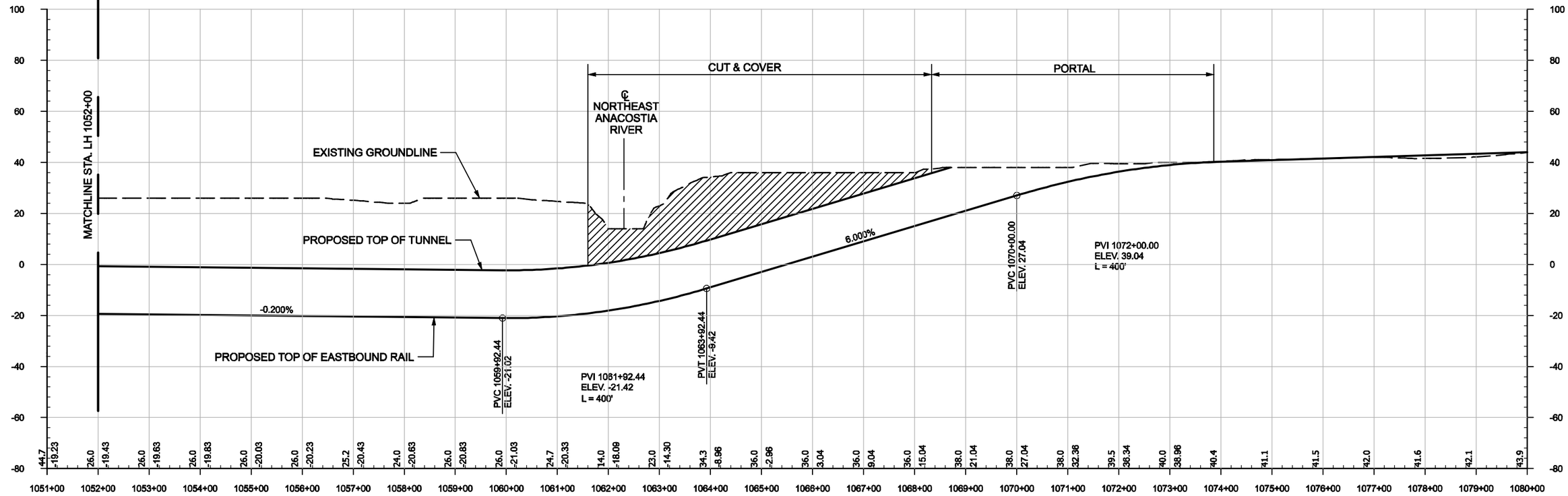
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-52

SHEET NO.
316 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PR21_LRTH.DGN



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers/ architects/ planners/ construction managers
7125 Ambassador Road Baltimore, MD 21244 2722 (410) 944 9112

JE JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH1052+00 TO STA. LH1079+00

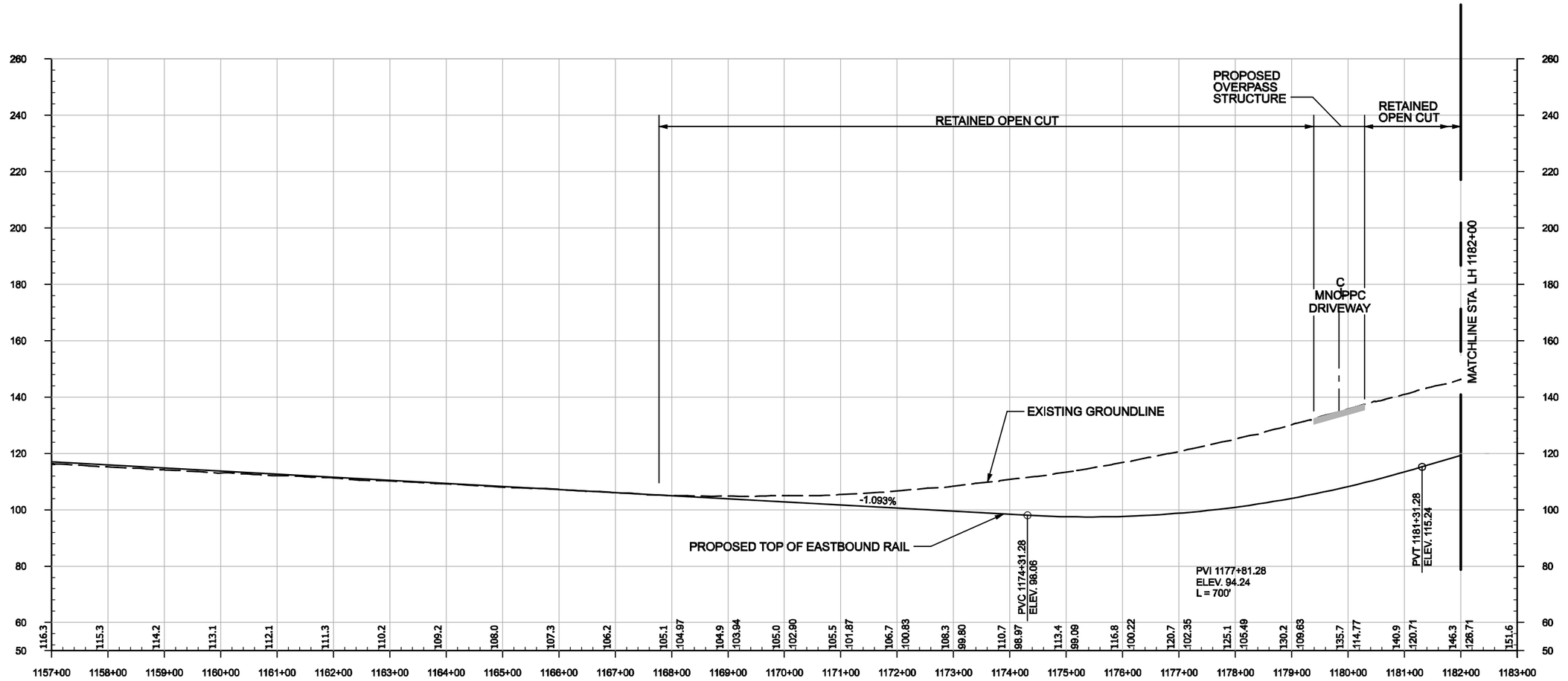
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-53

SHEET NO. 317 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PR22_LRTH.DGN



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244 2722 (410) 944 9102

JE JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH1158+00 TO STA. LH1182+00

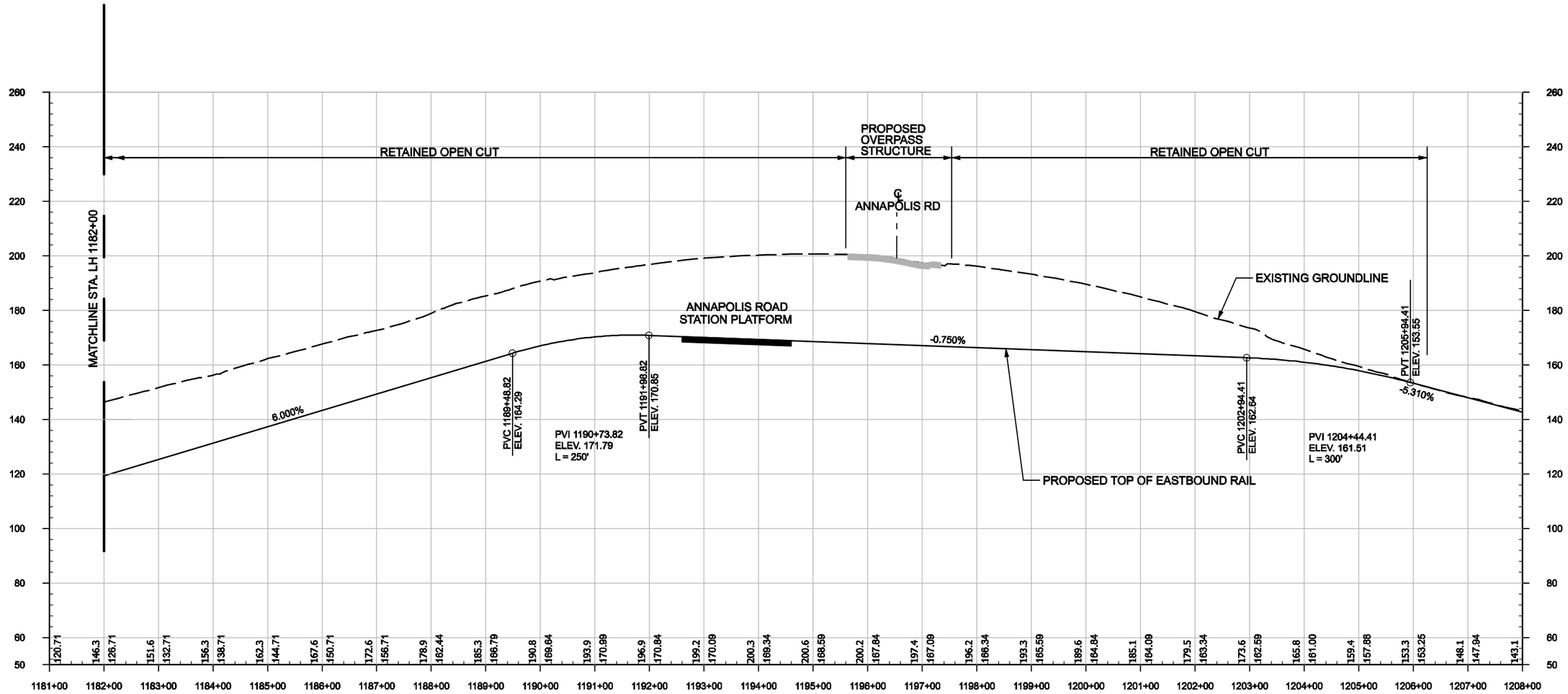
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-54

SHEET NO. 318 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PR26_LRTH.DGN



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244 2722 (410) 944 9102

JE JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

HIGH INVESTMENT LRT - PROFILE
STA. LH1182+00 TO STA. LH1207+00

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-55

SHEET NO. 319 OF 334

PLOTTED: 9/10/2008
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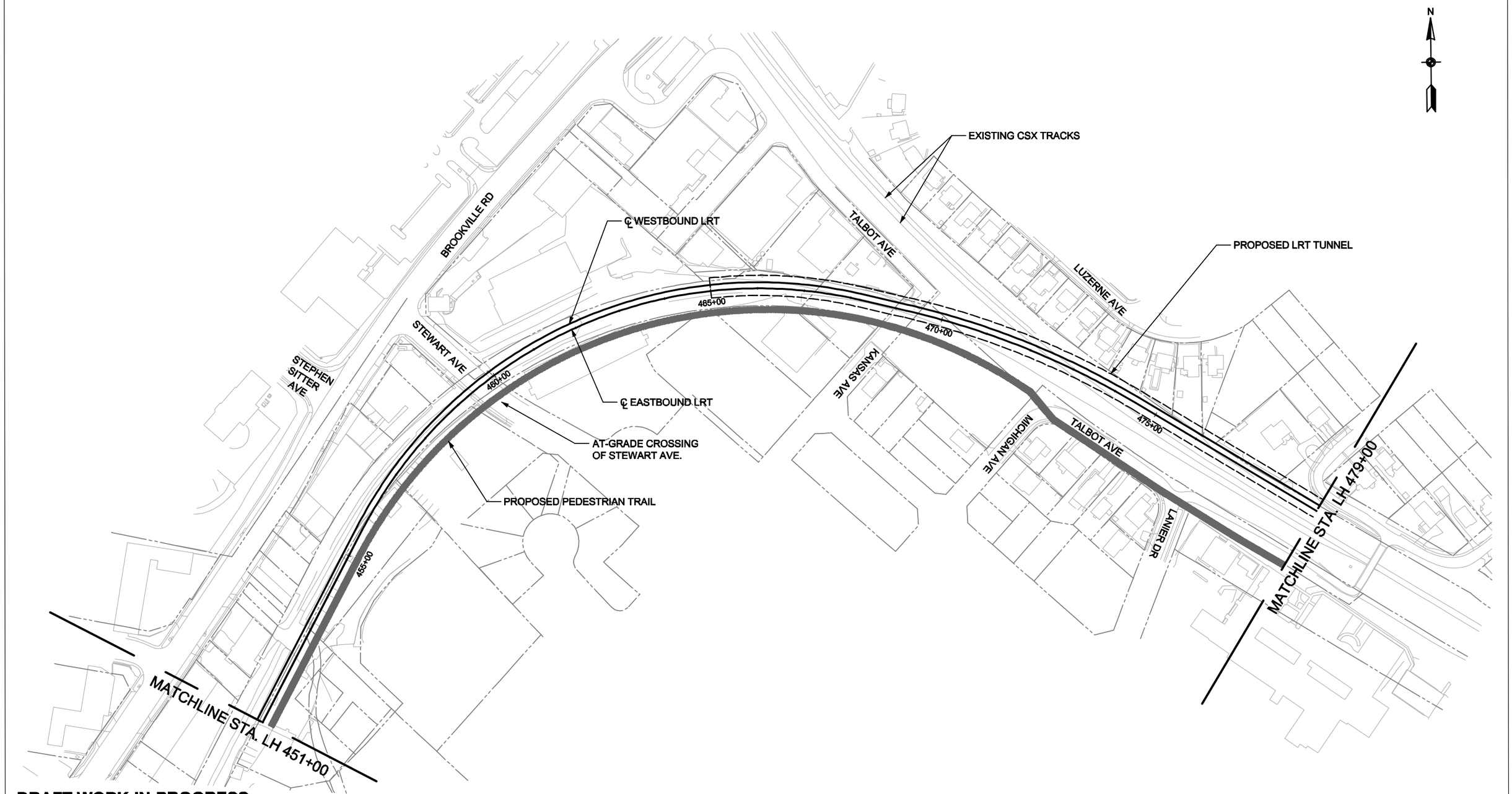

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers /architects /planners /construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9812

JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

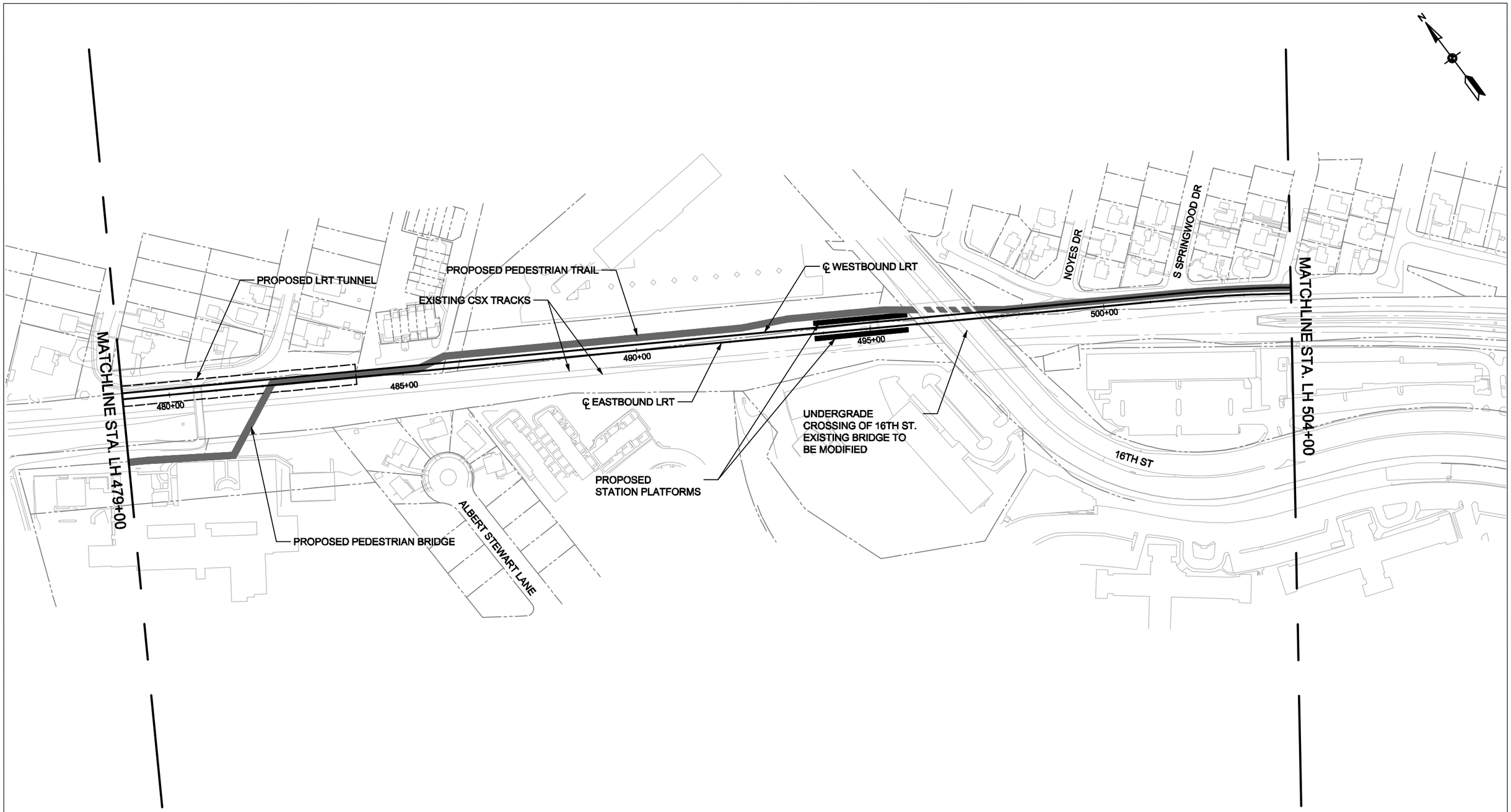
DESIGN OPTION - CSX ALTERNATIVE LRT - PLAN
SHEET 1 OF 3

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH - 58

SHEET NO.
322 OF 334



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers /architects /planners /construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-3982
JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

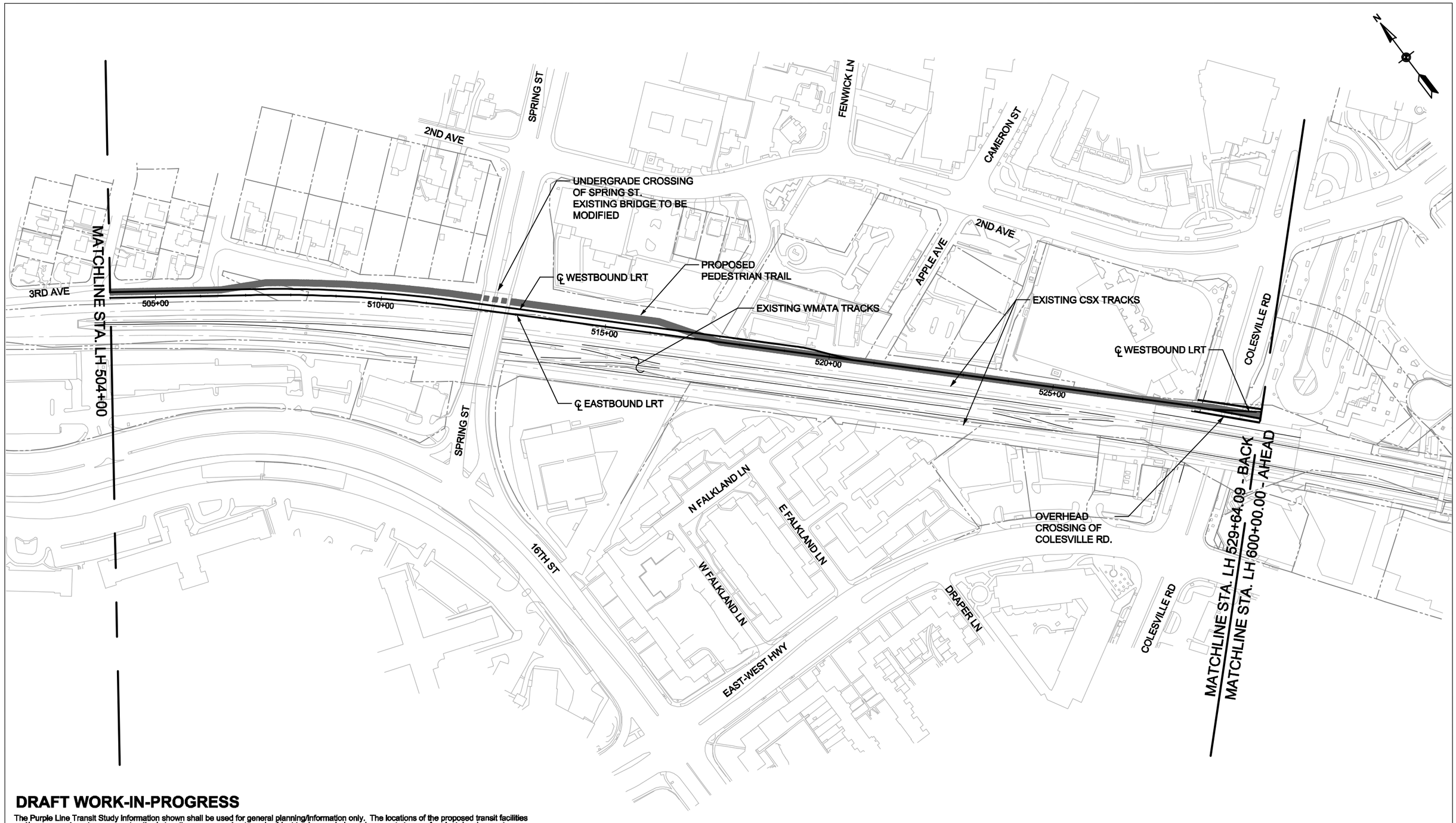
DESIGN OPTION - CSX ALTERNATIVE LRT - PLAN
SHEET 2 OF 3

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH - 59

SHEET NO. 323 OF 334



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers /architects /planners /construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9812
JE JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

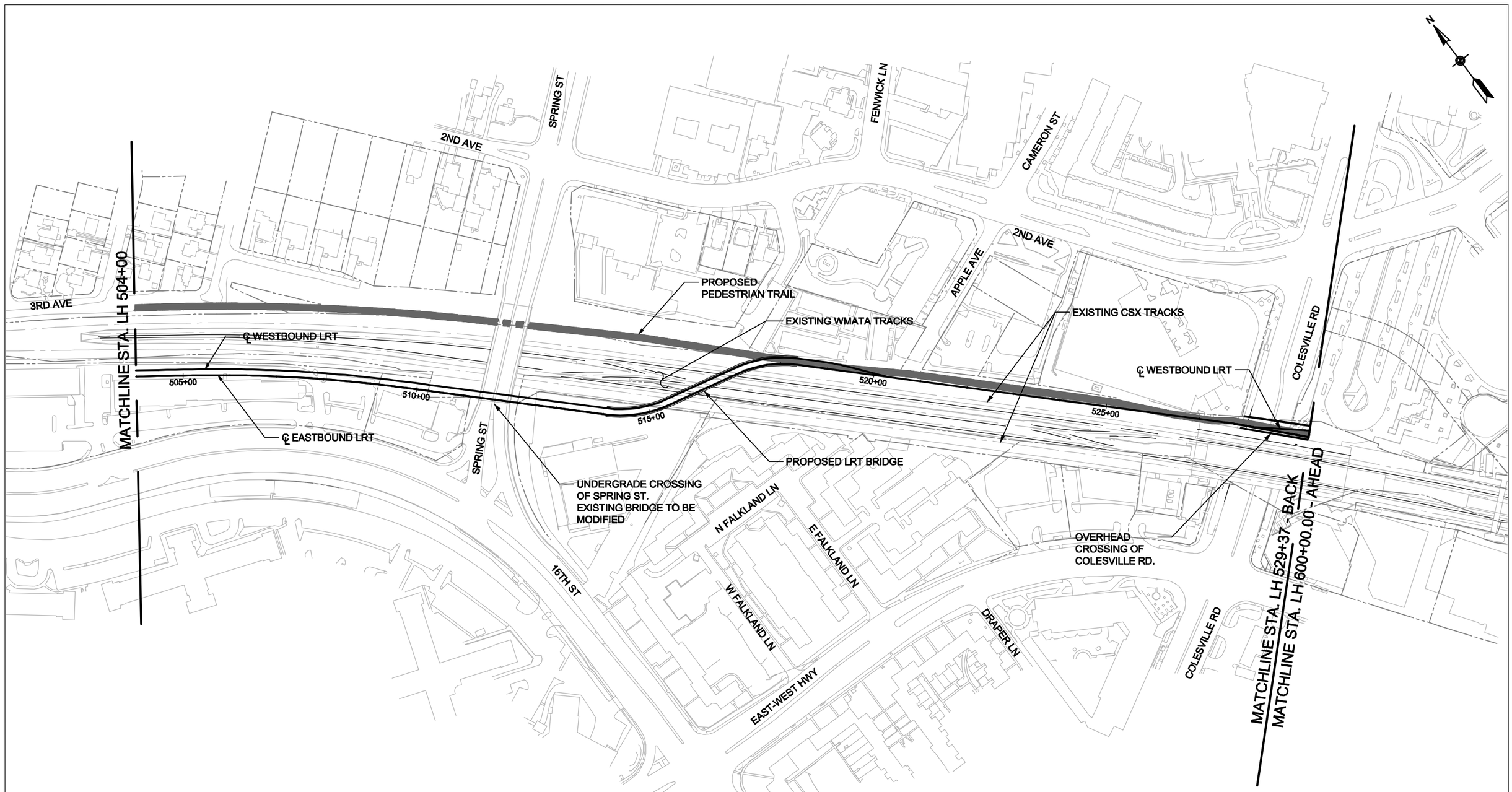
DESIGN OPTION - CSX ALTERNATIVE LRT - PLAN
SHEET 3 OF 3

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH - 60

SHEET NO. 324 OF 334



DRAFT WORK-IN-PROGRESS

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MTA Maryland

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-7012

JACOBS

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

DESIGN OPTION - FAULKLAND ALTERNATIVE LRT - PLAN
SHEET 1 OF 1

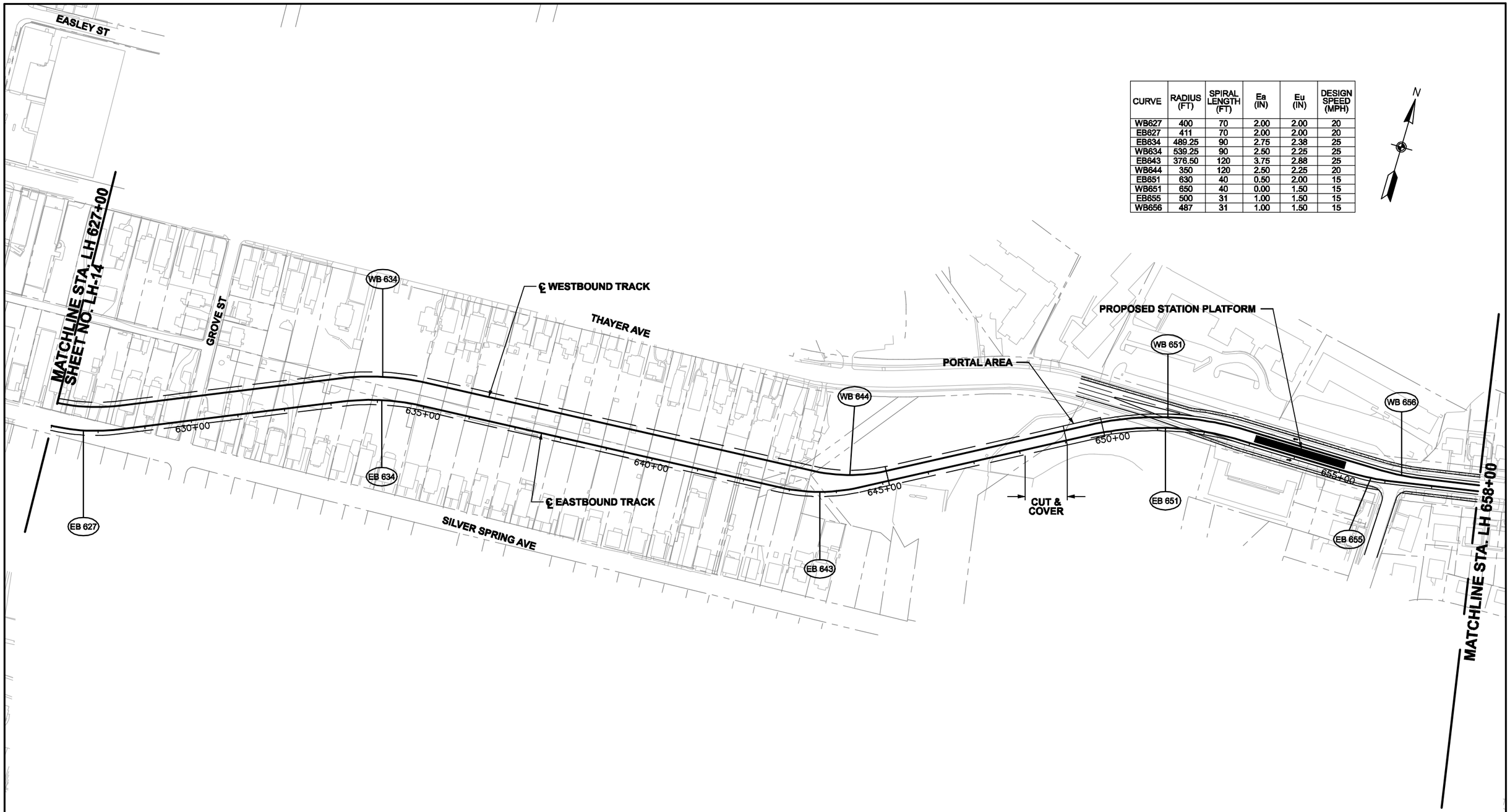
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH - 61

SHEET NO.
325 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
WB627	400	70	2.00	2.00	20
EB627	411	70	2.00	2.00	20
EB634	489.25	90	2.75	2.38	25
WB634	539.25	90	2.50	2.25	25
EB643	376.50	120	3.75	2.88	25
WB644	350	120	2.50	2.25	20
EB651	630	40	0.50	2.00	15
WB651	650	40	0.00	1.50	15
EB655	500	31	1.00	1.50	15
WB656	487	31	1.00	1.50	15



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

DESIGN OPTION - THAYERALTERNATIVE LRT - PLAN
SHEET 1 of 2

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-62

SHEET NO. 326 OF 334

MATCHLINE STA. LH 658+00

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB662	230	90	1.00	3.00	15
WB662	217	90	0.00	2.00	10
EB665	145	85	0.00	2.75	10
WB665	158	85	0.00	2.75	20
EB669	213	70	0.00	2.00	10
WB669	200	70	0.00	2.00	10
EB680	756.50	90	0.75	1.38	20
WB680	743.50	90	1.00	1.50	20
EB688	550	110	0.00	3.00	20
WB688	563	110	0.00	3.00	20

WB 662
WB 665
EB 662
EB 665
660+00
665+00
DALE DR
WB 669
EB 669
670+00
675+00
SLIGO CREEK PARK
℄ WESTBOUND TRACK
℄ EASTBOUND TRACK
PINEY BRANCH RD
SLIGO CREEK PKWY
WB 680
EB 680
680+00
685+00
690+00
MANCHESTER RD
WB 688
EB 688
FLOWER AVE
AERIAL STRUCTURE
MATCHLINE STA. LH 692+00
SHEET NO. LH-17

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

A Joint Venture of
PARSONS BRINCKERHOFF QUADE & DOUGLAS
RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

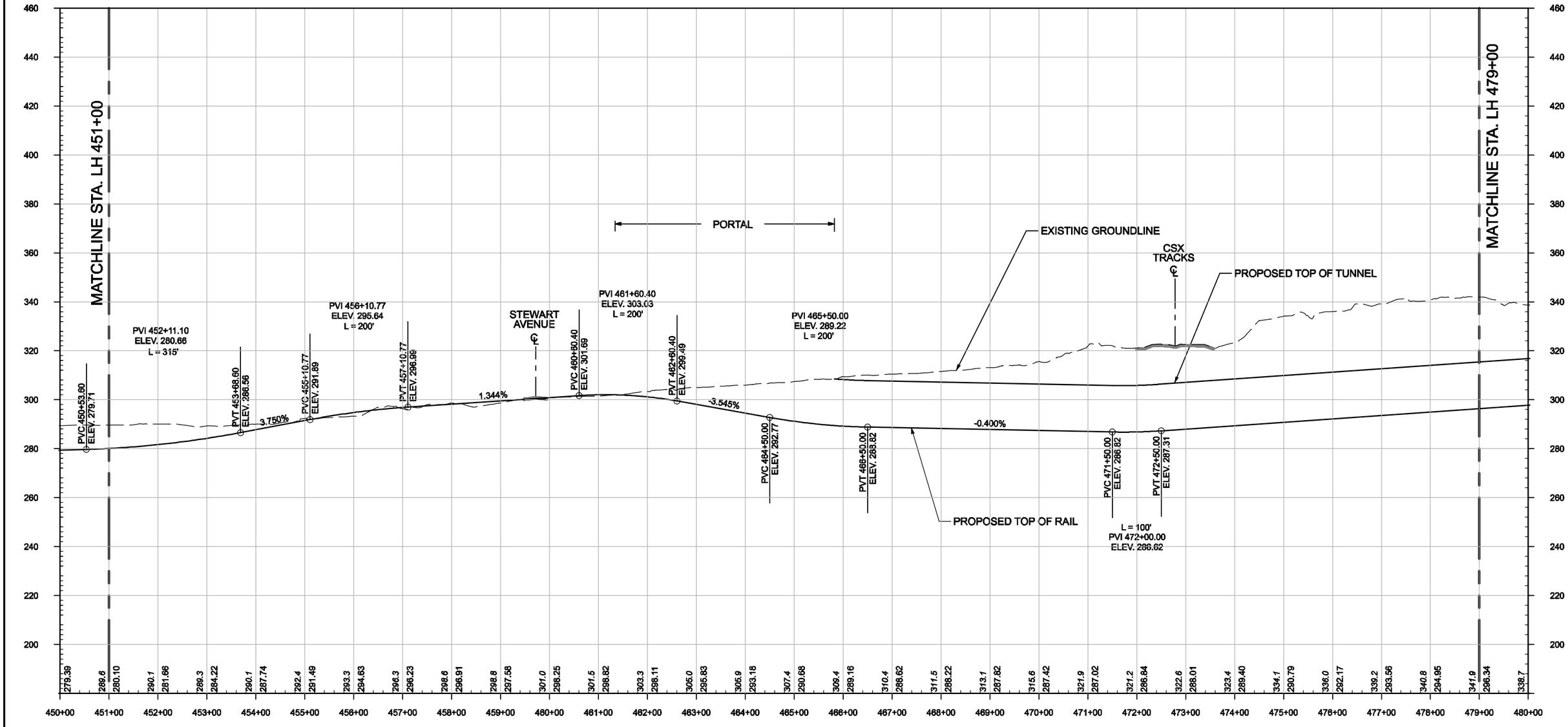
DESIGN OPTION - THAYER ALTERNATIVE LRT - PLAN
SHEET 2 of 2

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-63

SHEET NO. 327 OF 334



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers /architects /planners /construction managers
7825 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

DESIGN OPTION - CSX ALTERNATIVE LRT - PROFILE
SHEET 1 OF 2

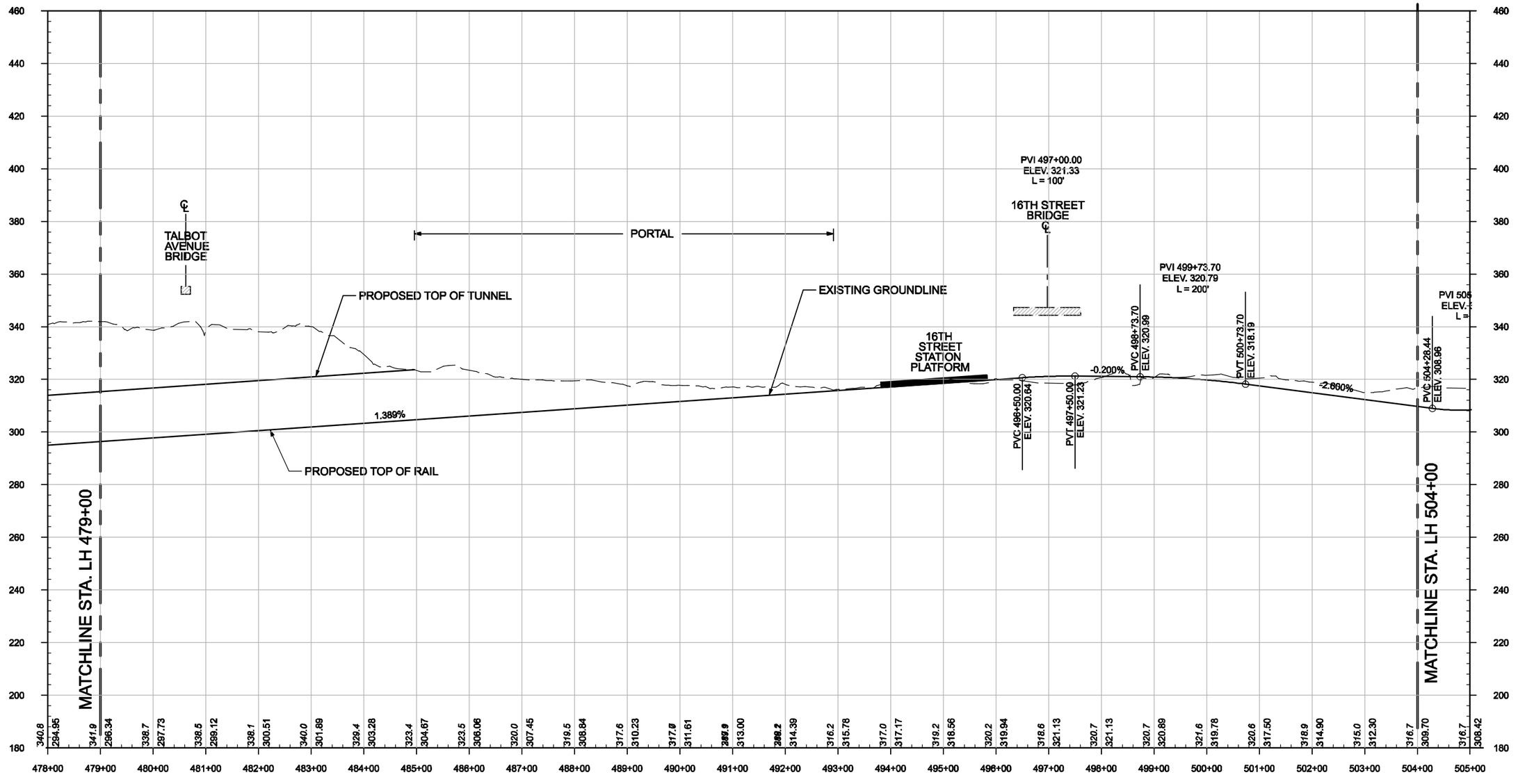
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-64

SHEET NO. 328 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PR01_LRTH_DO_CSX.DGN



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

JACOBS

Purple Line

HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=40'

PURPLE LINE

DESIGN OPTION - CSX ALTERNATIVE LRT - PROFILE
SHEET 2 OF 2

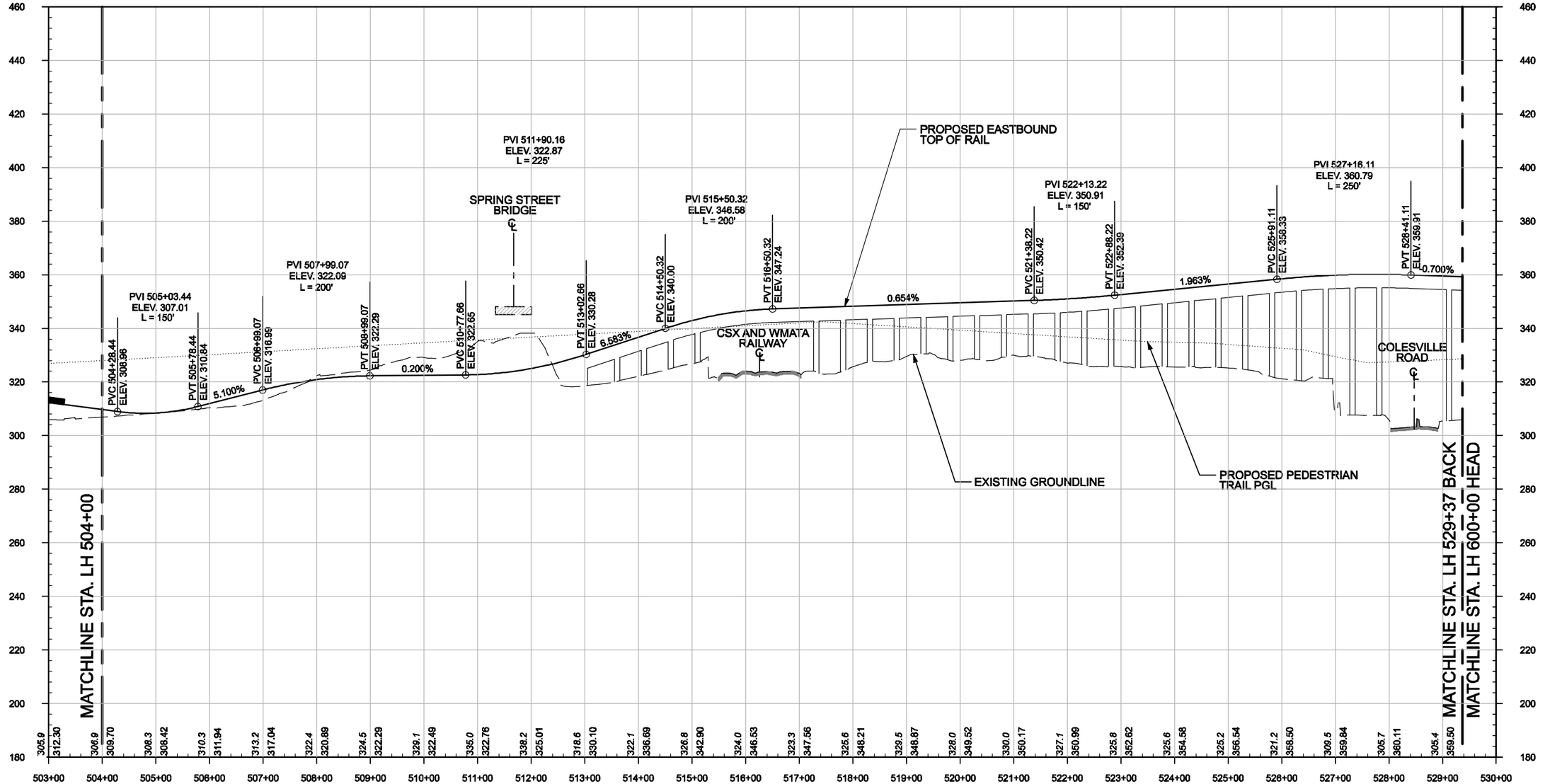
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-65

SHEET NO. 329 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PR02_LRTH_DO_CSX.DGN



DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

STV Incorporated
engineers /architects /planners /construction managers
7825 Ambassador Road Baltimore, MD 21244-2722 (410) 944-5112

JE JACOBS

Purple Line

100' 0 100' 200'
HORIZONTAL SCALE: 1"=200'

20' 0 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

DESIGN OPTION - FAULKLAND ALTERNATIVE LRT - PROFILE
SHEET 1 OF 1

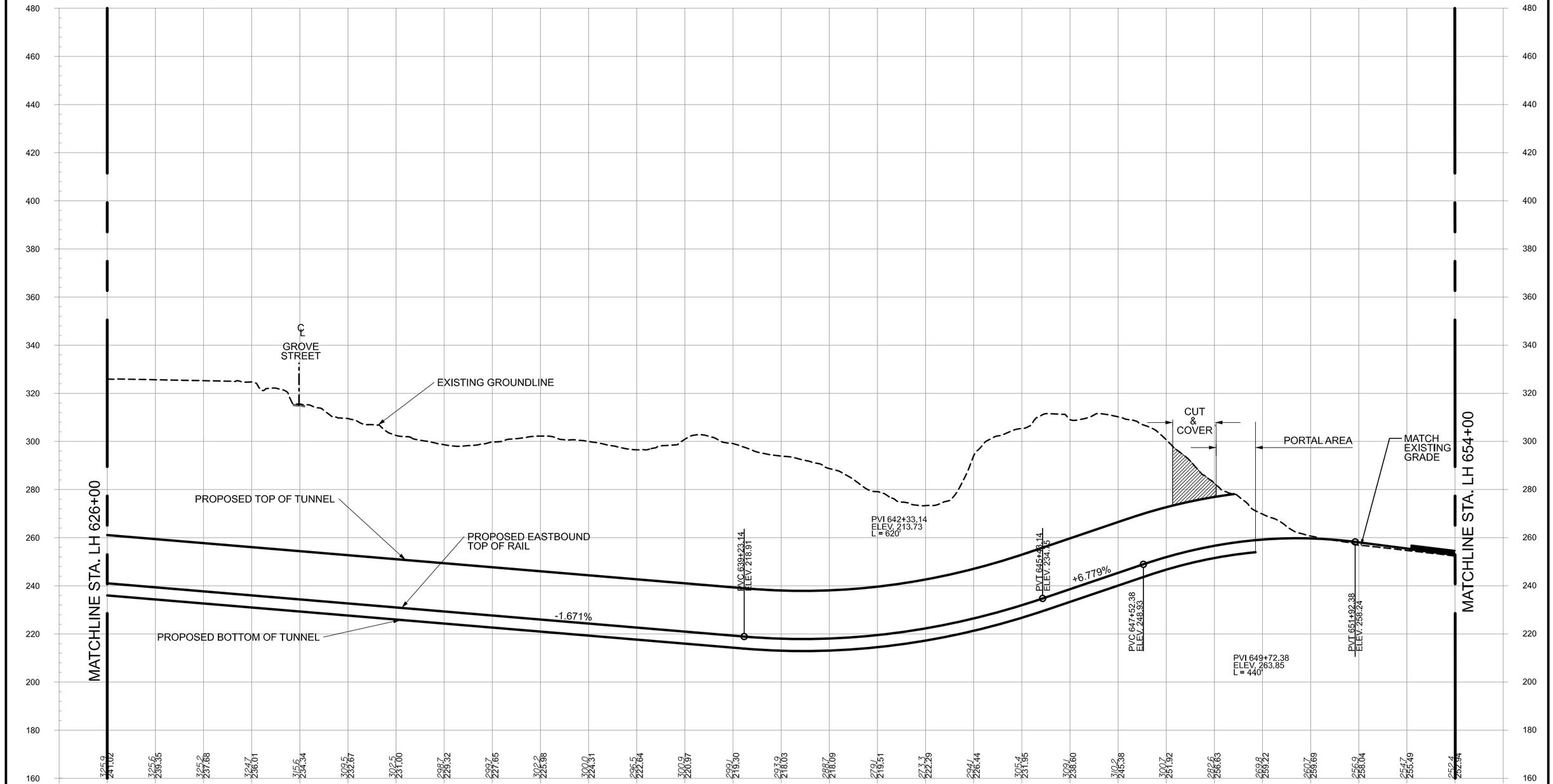
DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-66

SHEET NO. 330 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DMS27782\PR01_LRTH_DO_FAULK.DGN



DRAFT WORK-IN-PROGRESS

The Purple Line Transit Study information shown shall be used for general planning/information only. The locations of the proposed transit facilities and/or proposed roadway reconstruction/relocation are approximate and subject to change during subsequent stages of project development.

MARYLAND DEPARTMENT OF TRANSPORTATION
MTA Maryland

PB RK&K
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RUMMEL, KLEPPER & KAHL, LLP

Purple Line

100' 0' 100' 200'
HORIZONTAL SCALE: 1"=200'
20' 0' 20' 40'
VERTICAL SCALE: 1"=40'

PURPLE LINE

DESIGN OPTION - THAYER ALTERNATIVE LRT - PROFILE
SHEET 1 of 2

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LH-67

SHEET NO.
331 OF 334

9/10/2008
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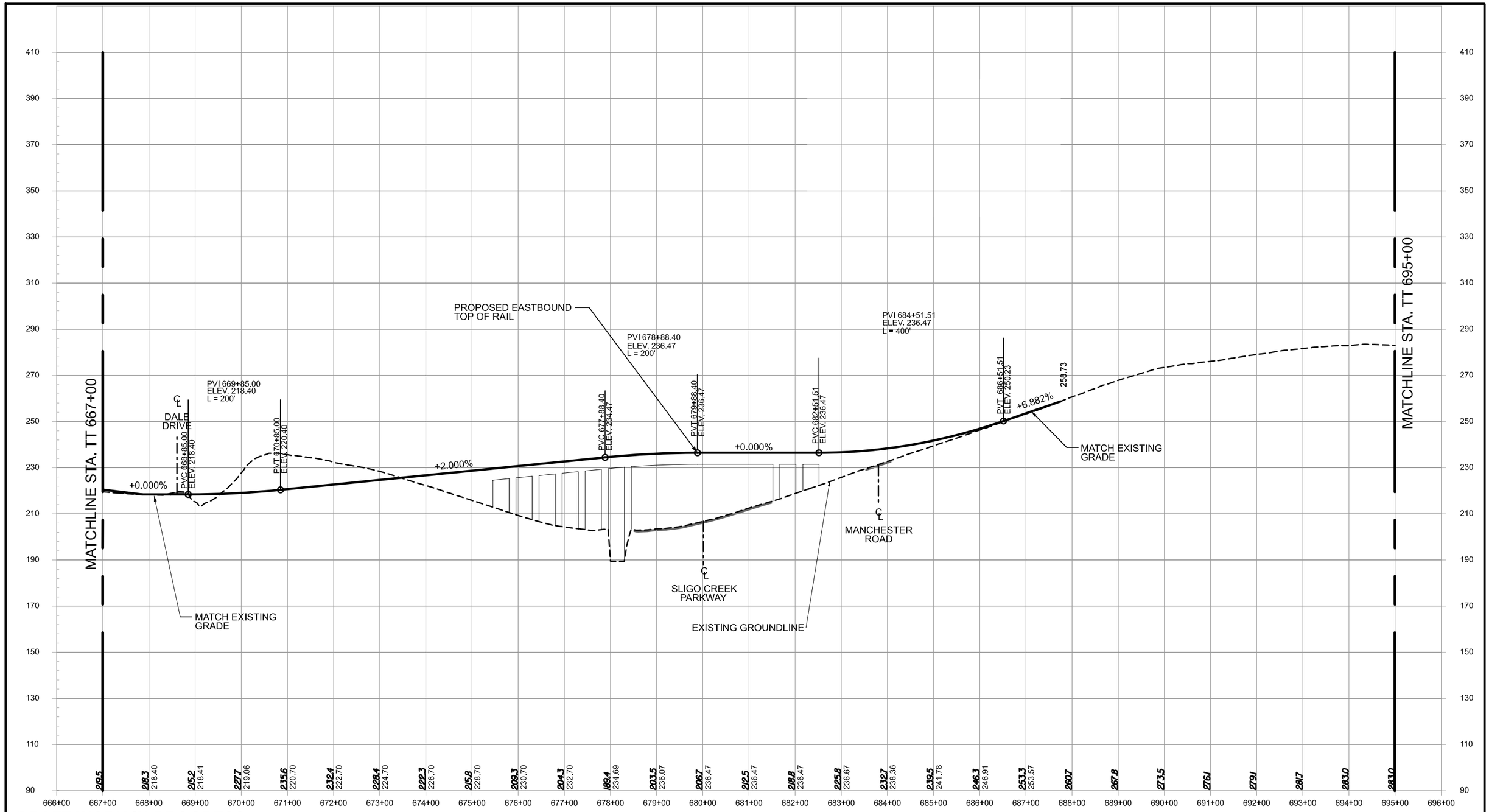

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PURPLE LINE

DESIGN OPTION - THAYER ALTERNATIVE LRT - PROFILE
SHEET 2 of 2

DATE: SEPTEMBER 2008 SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO. LH-68

SHEET NO. 332 OF 334

9/10/2008
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